

*Jackpile Reclamation Project*

PUEBLO OF LAGUNA

P.O. BOX 184

LAGUNA, NEW MEXICO 87028

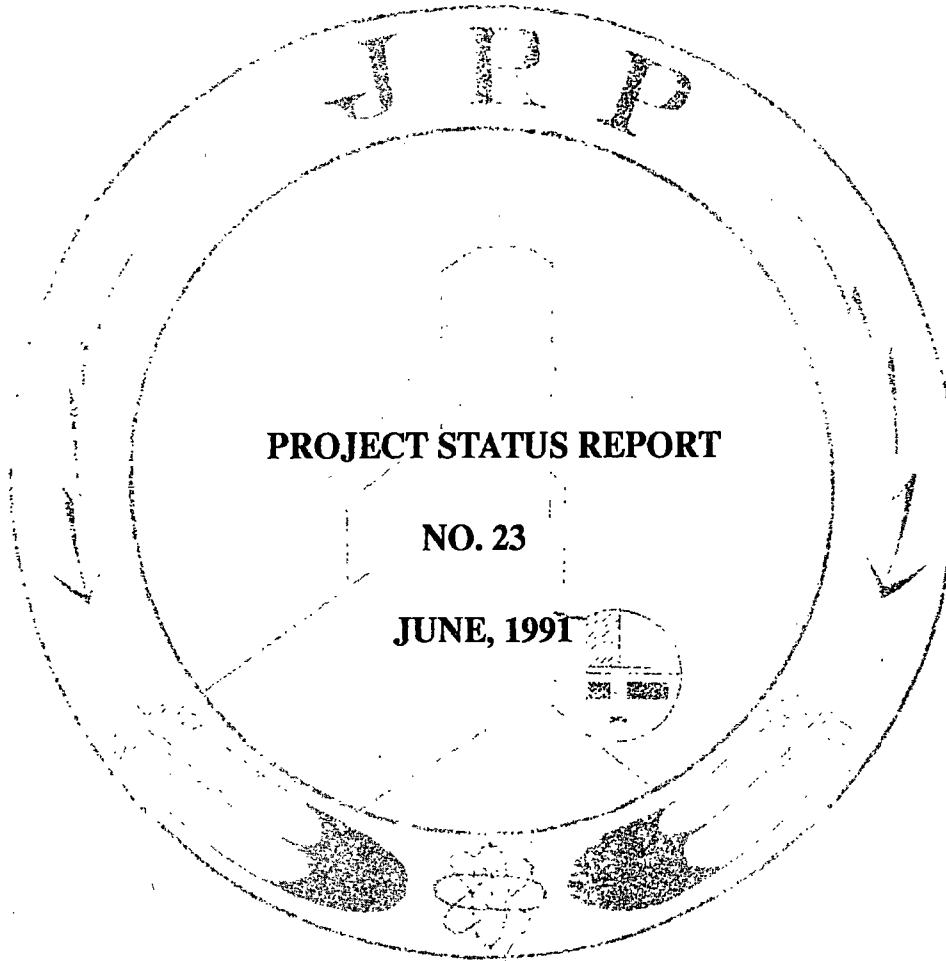
Confidential Claim Retracted

AUTHORIZED BY: SL

DATE: 5/16/13

Office of  
Reclamation Project Manager

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BY: J. H. Olsen, Jr.  
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RECLAMATION PROJECT MANAGER



9404059

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POL-EPA01-0003320

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## 2.1 ABSTRACT

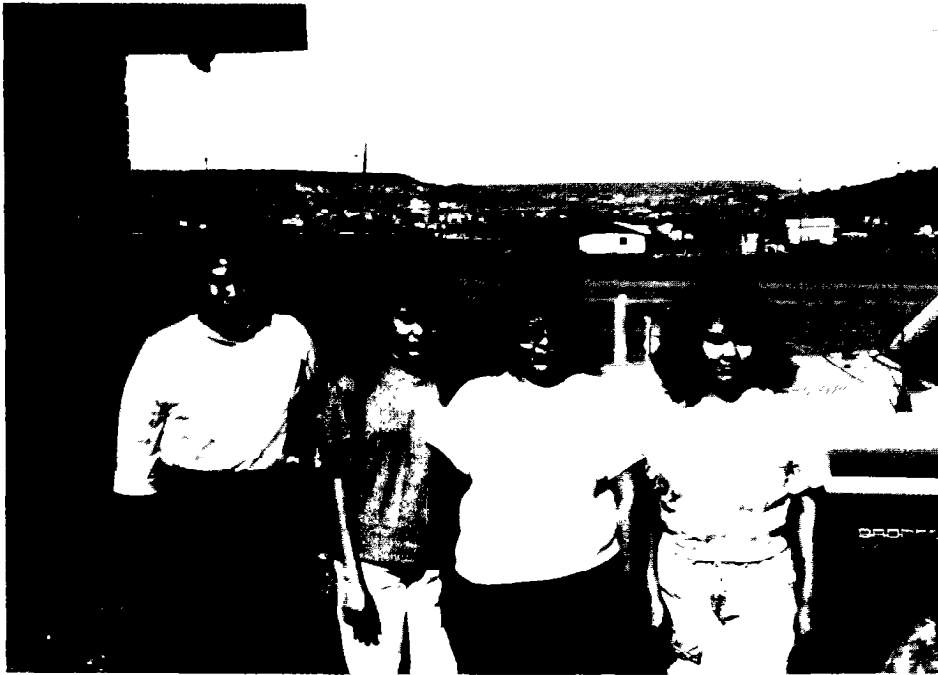
June, 1991 marked the eighteenth month of full-scale earthmoving activities. All soil cover is done in the North Paguate Pit and the main effort was placing of shale and soil covers in several areas of the South Paguate Pit. Sloping of the North Jackpile dumps continued. Council approvals for the Special Case Designs, Revegetation guidelines, and authorization for the North & South Paguate revegetation work packages were received in June and have been submitted to the BIA-Contracting Officer. Landmark/Weston services have been phased out and their activities absorbed by the RPM Office. The 2nd Quarter, Project Fiscal Year-1991 Financial Report was being prepared for submittal to BIA.

## 2.2 PROGRESS MAPS

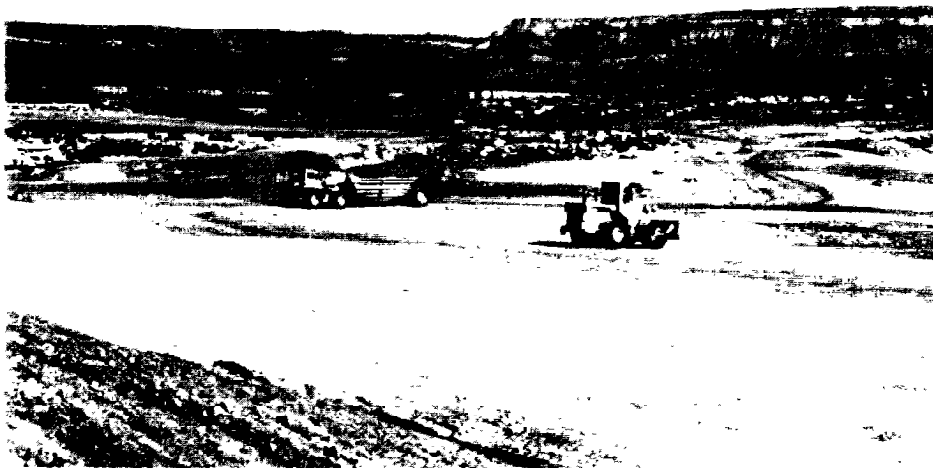
The attached progress maps indicate the percentages of completion where work is being performed.

NOTE: Map data bases are still being digitized and updated and will not be available until the next report. The % Completed on any individual work item can be found in the Tracking summary.

## 2.3 CONSTRUCTION PHOTOS

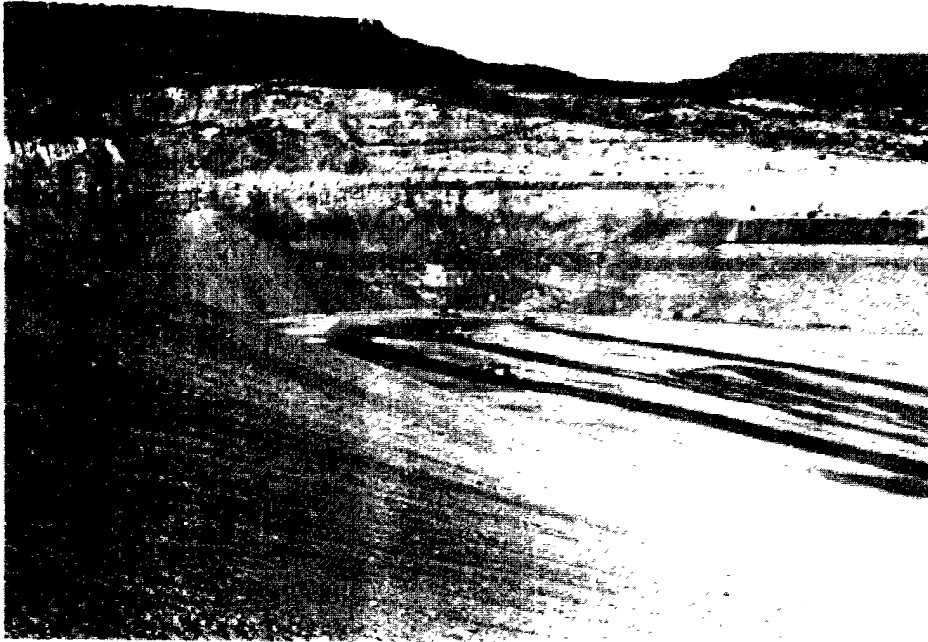


**FIGURE 1:** Laguna Construction Company Administrative Staff: Gloria Vigil, Marcene Fernando, Tina Cheromiah, and Camille Whitmore.



**FIGURE 2:** Trucks placing topsoil in South Paguate area SP-WO-04.

### 2.3 CONSTRUCTION PHOTOS



**FIGURE 3:** Scrapers placing topsoil in South Paguate area  
SP-OP-35.



**FIGURE 4:** Dozers spreading topsoil cover on slopes of  
SP-WO-04.

## 2.3 CONSTRUCTION PHOTOS



**FIGURE 5:** First dozer cut on extreme top of Jackpile waste dump JP-WS-19.



**FIGURE 6:** Dozer sloping on JP-WO-66 & JP-WS-19 area of the North Jackpile.

## 2.4 MILESTONES

- POL Council approved Special Case designs, revegetation guidelines, and revegetation work packages for the Fall, 1991; these items have been submitted to the BIA Contracting Officer for signature;
- Landmark/Weston (Engineering/Consulting Services) have been phased out;
- Radiation Safety training was provided to all Project personnel;
- Volume checks between the Laguna Construction Company field survey & the Tom Mann aerial surveys were done;



### **3.0 ACTION ITEMS**

#### **3.1 POL/RPM**

- 1) Submit 2nd Quarter, 1991 Project Financial report;
- 2) Complete review of Project Management Plan revisions;
- 3) Continue 3rd Year Operating Plan process;

#### **3.2 BUREAU OF INDIAN AFFAIRS**

- 1) Complete Project Management Plan revisions;
- 2) Complete approvals on Special Case and Revegetation guidelines;

#### **3.3 TECHNICAL SUBCONTRACTING SERVICES**

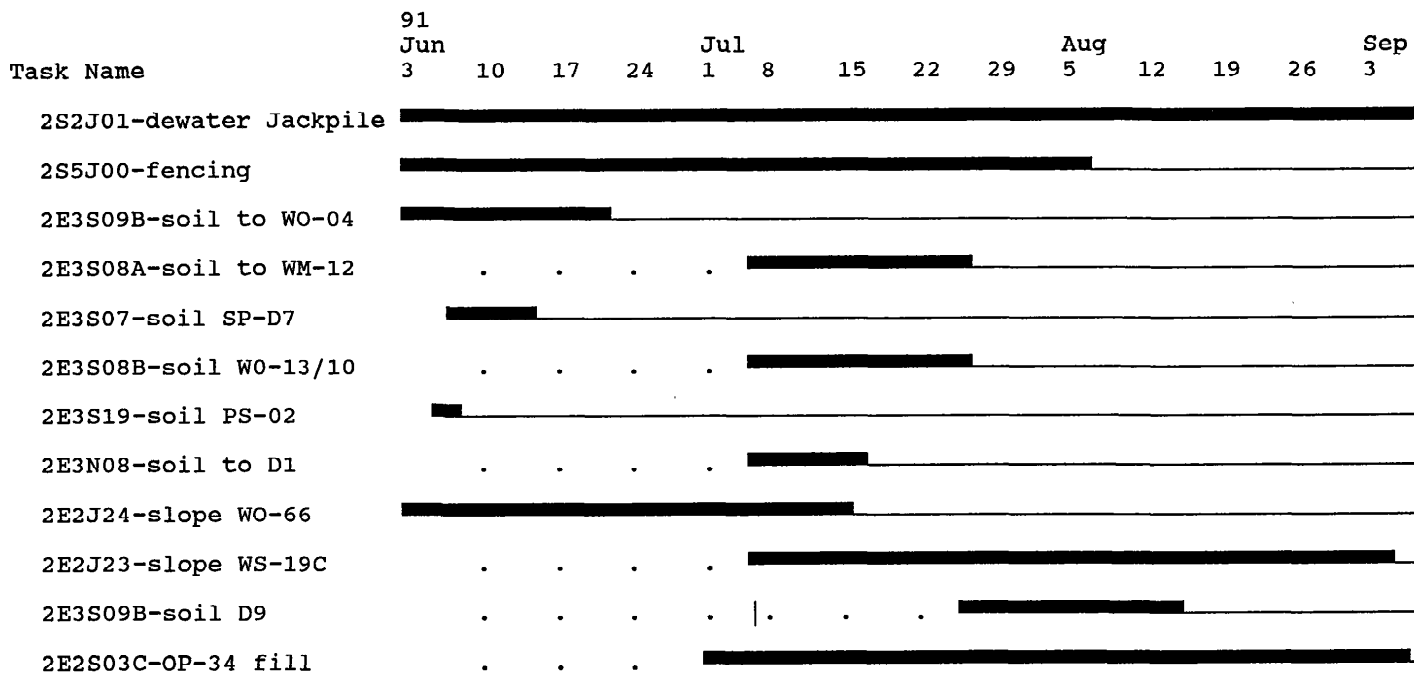
- 1) Assagai report on Water Analyses (pending completion of lab work);
- 2) Eberline Radiological services (as needed);
- 3) Qualimetrics, Inc. (new weather recorder delivery);

#### **3.4 LAGUNA CONSTRUCTION COMPANY**

- 1) Revise schedule (as needed)
- 2) Request work package closeouts/inspection (as needed);
- 3) 3rd Year Operating Plan submittals to RPM Office;

#### 4.1 FOUR (4) WEEK LOOKAHEAD

Schedule Name : Four (4) Week Lookahead  
 Responsible : LCC  
 As-of Date : 5-Jul-91 9:00am Schedule File : C:\TL3\DATA\JUN91LKK



-----  
 [Solid Bar] Detail Task      ===== Summary Task      ▲ Milestone  
 [Dashed Bar] (Started)      ===== (Started)      ►► Conflict  
 [Dashed Bar] (Slack)      ===== (Slack)      .. [Solid Bar] Resource delay  
 ----- Scale: 1 day per character -----

TIME LINE Gantt Chart Report, Strip 1

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## 4.2 PROJECT SCHEDULE

Soil haul/placement will continue in the South Paguate area, primarily in covering the slopes. The scrapers will continue with final backfill in the bottom of SP-OP-34. Dozers will continue sloping work in the North Jackpile side of the Project. Dewatering of the Jackpile Pit will continue for dust control. Fencing work is nearing completion on the Jackpile side and upcoming work will include P-10 area building dismantling, vent hole backfilling in the Jackpile area, and revegetation work in the fall.

## 5.1 TRACKING SUMMARY

Cash flows continue to track as planned. Savings sharing on work packages completed during the 1st Operating Year continue to be paid to Laguna Construction Company. Phasing out of Landmark/Weston will show up in cost reductions beginning with this Report.

PY90

PY91

INTERIM

MOBILIZATION

## PROJECT TO DATE TRACKING

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	PTD ACTUAL EQUIP CREDIT	PTD ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
<b>MGMT CA SUMMARY</b>									
1P1	POL MANAGEMENT CA TOTAL	\$304,998.00	\$168,066.94	\$0.00	\$168,066.94	\$111,680.34	55%	66%	\$51,966.83
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$304,998.00	\$168,066.94	\$0.00	\$168,066.94	\$111,680.34	55%	66%	\$51,966.83
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$855,821.10	\$706,149.57	\$0.00	\$706,149.57	\$53,874.45	83%	83%	\$1,867.18
1C2	INTERIM CMC CA TOTAL	\$200,018.90	\$205,116.43	\$0.00	\$205,116.43	\$0.00	103%	103%	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$1,055,840.00	\$911,266.00	\$0.00	\$911,266.00	\$53,874.45	86%	86%	\$1,867.18
1	MANAGEMENT TOTAL	\$1,360,838.00	\$1,079,332.94	\$0.00	\$1,079,332.94	\$165,554.79	79%	83%	\$53,834.01

<b>CONST CA SUMRY</b>									
2L1	LCC COSTS CA TOTAL	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
2L2	LCC START-UP COSTS CA TOTAL	\$586,100.00	\$491,501.20	\$0.00	\$491,501.20	\$36,789.00	84%	84%	\$552.00
2L	LCC ADMINISTRATION TASK TOTAL	\$1,396,400.00	\$1,302,501.60	\$0.00	\$1,302,501.60	\$36,789.00	93%	100%	\$552.00
2M1	MOBILIZATION CA TOTAL	\$444,617.00	\$440,076.57	\$50.52	\$440,026.05	\$0.00	99%	99%	\$0.00
2M2	LAND SURVEY CA TOTAL	\$384,150.00	\$215,578.64	\$4,272.26	\$211,306.38	\$182,364.07	56%	73%	\$93,865.58
2M3	LCC TRAINING CA TOTAL	\$271,628.00	\$161,956.46	\$3,635.60	\$158,320.86	\$73,505.04	60%	58%	(\$1,903.69)
2M	MOBILIZATION TASK TOTAL	\$1,100,395.00	\$817,611.67	\$7,958.38	\$809,653.29	\$255,869.11	74%	80%	\$91,961.89
2E1	BACKFILLING CA TOTAL	\$6,625,200.99	\$4,293,250.12	\$893,241.10	\$3,400,009.02	\$2,378,838.87	65%	64%	\$1,342,744.07
2E2	DUMP SLOPING CA TOTAL	\$4,046,982.49	\$2,339,337.31	\$459,916.84	\$1,879,420.47	\$1,707,645.18	58%	60%	\$923,844.08
2E3	COVER PLACEMENT CA TOTAL	\$3,510,960.13	\$1,887,376.49	\$289,656.54	\$1,597,719.95	\$1,623,583.64	54%	61%	\$893,368.62
2E4	CONTAMINATED SOIL CA TOTAL	\$371,569.00	\$314,942.47	\$69,480.91	\$245,461.56	\$56,626.53	85%	71%	\$23,490.05
2E5	HIGHWALL CA TOTAL	\$152,516.00	\$59,327.23	\$190.14	\$59,137.09	\$234,417.77	39%	40%	\$4,280.46
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E	EARTHWORK TASK TOTAL	\$14,707,228.61	\$8,894,233.62	\$1,712,485.53	\$7,181,748.09	\$6,001,111.99	60%	62%	\$3,187,727.27
2S1	UG ENTRIES ABANDON CA TOTAL	\$67,542.00	\$12,558.08	\$68.18	\$12,400.80	\$54,083.02	19%	37%	\$34,104.74
2S2	PIT WATER CA TOTAL	\$416,990.00	\$404,908.13	\$97,113.25	\$307,794.88	\$12,081.87	97%	76%	\$13,117.16
2S3	SS DEMOLITION CA TOTAL	\$175,829.00	\$138,066.69	\$3,659.79	\$134,406.90	\$37,762.31	79%	82%	\$11,608.75
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$151,565.00	\$127,655.20	\$1,725.04	\$125,930.16	\$23,909.80	84%	84%	\$1,648.14
2S	STRUCTURES TASK TOTAL	\$811,926.00	\$683,189.00	\$102,566.26	\$580,622.74	\$128,737.00	84%	77%	\$60,478.79
2R1	SEEDING CA SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R	REVEGETATION TASK TOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2	CONSTRUCTION TOTAL	\$18,070,866.61	\$11,728,839.89	\$1,823,010.17	\$9,905,829.72	\$6,446,120.10	65%	67%	\$3,364,332.96

## JACKPILE PROJECT SUMMARY

CONFIDENTIAL	MANAGEMENT TOTAL	\$1,360,838.00	\$1,079,332.94	N/A	\$1,079,332.94	\$165,554.79	POL-EPA01-0003333			\$34.01
	CONSTRUCTION TOTAL	\$18,070,866.61	\$11,728,839.89	\$1,823,010.17	\$9,905,829.72	\$6,446,120.10				\$332.96

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
GRAND TOTAL		\$19,431,704.61	\$12,808,172.83	\$1,823,010.17	\$10,985,162.66	\$6,611,674.89	66%	69%	\$3,418,166.96

CONFIDENTIAL

POL-EPA01-0003334

# JACKPILE

## PROJECT TO DATE: SUMMARY 1

PY90

PY91

INTERIM

MOBILIZATION

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	ACTUAL COST PY90	ACTUAL COST PY91	TOTAL PTD ACTUAL COST PY90 & PY91	TOTAL COST ESTIMATE
<b>MGMT CA SUMMARY</b>					
1P1	POL MANAGEMENT CA TOTAL	\$85,607.08	\$82,459.88	\$168,066.94	\$904,098.00
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00	\$1,006,614.00
1P	POL MANAGEMENT TASK TOTAL	\$85,607.08	\$82,459.88	\$168,066.94	\$1,911,612.00
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$444,897.02	\$261,252.55	\$706,149.57	\$1,205,621.10
1C2	INTERIM CMC CA TOTAL	\$205,116.43	\$0.00	\$205,116.43	\$200,018.90
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$2,500,000.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$650,013.45	\$261,252.55	\$911,266.00	\$3,905,640.00
1	MANAGEMENT TOTAL	\$735,620.53	\$343,712.41	\$1,079,332.94	\$5,817,452.00

<b>CONST CA SUMRY</b>					
2L1	LCC COSTS CA TOTAL	\$820,363.40	(\$9,363.00)	\$811,000.40	\$810,300.00
2L2	LCC START-UP COSTS CA TOTAL	\$382,790.20	\$108,711.00	\$491,501.20	\$886,100.00
2L	LCC ADMINISTRATION TASK TOTAL	\$1,203,153.60	\$99,348.00	\$1,302,501.60	\$1,696,400.00
2M1	MOBILIZATION CA TOTAL	\$424,530.29	\$15,546.28	\$440,076.57	\$461,363.00
2M2	LAND SURVEY CA TOTAL	\$131,705.71	\$83,872.93	\$215,578.64	\$551,873.00
2M3	LCC TRAINING CA TOTAL	\$135,461.50	\$26,494.96	\$161,956.46	\$486,228.00
2M	MOBILIZATION TASK TOTAL	\$691,697.50	\$125,914.17	\$817,611.67	\$1,499,464.00
2E1	BACKFILLING CA TOTAL	\$3,104,841.60	\$1,188,408.52	\$4,293,250.12	\$13,718,836.00
2E2	DUMP SLOPING CA TOTAL	\$1,436,751.40	\$902,585.91	\$2,339,337.31	\$7,564,988.00
2E3	COVER PLACEMENT CA TOTAL	\$194.07	\$1,887,182.42	\$1,887,376.49	\$11,745,735.00
2E4	CONTAMINATED SOIL CA TOTAL	\$117,322.06	\$197,620.41	\$314,942.47	\$323,637.00
2E5	HIGHWALL CA TOTAL	\$58,321.27	\$1,005.96	\$59,327.23	\$396,732.00
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2E	EARTHWORK TASK TOTAL	\$4,717,430.40	\$4,176,803.22	\$8,894,233.62	\$33,749,928.00
2S1	UG ENTRIES ABANDON CA TOTAL	\$12,300.80	\$258.18	\$12,558.98	\$128,147.00
2S2	PIT WATER CA TOTAL	\$388,455.60	\$16,452.63	\$404,008.13	\$416,990.00
2S3	SS DEMOLITION CA TOTAL	\$137,009.53	\$1,057.16	\$138,066.69	\$175,829.00
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$72,316.96	\$55,338.24	\$127,655.20	\$278,783.00
2S	STRUCTURES TASK TOTAL	\$610,082.79	\$73,106.21	\$683,189.00	\$999,749.00
2R1	SEEDING CA SUBTOTAL	\$31,304.00	\$0.00	\$31,304.00	\$1,738,609.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	\$31,304.00	\$0.00	\$31,304.00	\$1,738,609.00
2	CONSTRUCTION TOTAL	\$7,253,068.29	\$4,475,171.00	\$11,728,839.89	\$45,303,305.00

CONFIDENTIAL

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JACKPILE PROJECT SUMMARY					
1	MANAGEMENT TOTAL	\$735,620.53	\$349,712.41	\$1,079,332.94	\$5,817,452.00
2	CONSTRUCTION TOTAL	\$7,253,668.29	\$4,475,171.60	\$11,728,839.89	\$45,303,305.00
GRAND TOTAL		\$7,989,288.82	\$4,818,884.01	\$12,808,172.83	\$51,120,757.00

# JACKPILE

## PROJECT TO DATE: SUMMARY 2 (ACTUALS INCLUDED IN PY91)

PY90

PY91

INTERIM

MOBILIZATION

WBS ID NO.	WORK PACKAGE DESCRIPTION	YTD ACTUAL COST	YTD ACTUAL EQUIP CREDIT	YTD ACTUAL CASH FLOW
<b>MGMT CA SUMMARY</b>				
1P1	POL MANAGEMENT CA TOTAL	\$82,459.86	\$0.00	\$82,459.86
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00
1P	POL MANAGEMENT TASK TOTAL	<del>\$82,459.86</del>	<del>\$0.00</del>	<del>\$82,459.86</del>
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$261,252.55	\$0.00	\$261,252.55
1C2	INTERIM CMC CA TOTAL	\$0.00	\$0.00	\$0.00
1C3	CO-OP AGREEMENT CONTINGECY CA TOTAL	\$0.00	\$0.00	\$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$261,252.55	\$0.00	\$261,252.55
1	MANAGEMENT TOTAL	\$343,712.41	\$0.00	\$343,712.41

<b>CONST CA SUMRY</b>				
2L1	LCC COSTS CA TOTAL	\$0.00	\$0.00	\$0.00
2L2	LCC START-UP COSTS CA TOTAL	\$108,711.00	\$0.00	\$108,711.00
2L	LCC ADMINISTRATION TASK TOTAL	<del>\$108,711.00</del>	<del>\$0.00</del>	<del>\$108,711.00</del>
2M1	MOBILIZATION CA TOTAL	\$14,115.43	\$28.62	\$14,086.81
2M2	LAND SURVEY CA TOTAL	\$77,428.05	\$1,008.86	\$76,419.19
2M3	LCC TRAINING CA TOTAL	\$18,740.20	\$0.00	\$18,740.20
2M	MOBILIZATION TASK TOTAL	<del>\$110,283.68</del>	<del>\$1,037.48</del>	<del>\$109,246.20</del>
2E1	BACKFILLING CA TOTAL	\$1,011,740.32	\$122,412.69	\$889,327.63
2E2	DUMP SLOPING CA TOTAL	\$834,078.00	\$114,970.23	\$719,107.77
2E3	COVER PLACEMENT CA TOTAL	\$1,551,357.36	\$215,485.57	\$1,335,871.79
2E4	CONTAMINATED SOIL CA TOTAL	\$193,356.37	\$41,501.37	\$151,855.00
2E5	HIGHWALL CA TOTAL	\$1,005.96	\$190.14	\$815.82
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00
2E	EARTHWORK TASK TOTAL	<del>\$3,591,538.01</del>	<del>\$494,560.00</del>	<del>\$3,096,978.01</del>
2S1	UG ENTRIES ABANDON CA TOTAL	\$258.18	\$58.18	\$200.00
2S2	PIT WATER CA TOTAL	\$14,046.55	\$507.20	\$13,479.35
2S3	SS DEMOLITION CA TOTAL	\$1,057.16	\$0.00	\$1,057.16
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$47,838.86	\$555.67	\$47,283.19
2S	STRUCTURES TASK TOTAL	<del>\$63,200.75</del>	<del>\$1,181.05</del>	<del>\$62,019.70</del>
2R1	SEEDING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	<del>\$0.00</del>	<del>\$0.00</del>	<del>\$0.00</del>
2	CONSTRUCTION TOTAL	\$3,873,733.44	\$496,778.53	\$3,376,954.91

CONFIDENTIAL

POL-EPA01-0003337

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
JACKPILE PROJECT SUMMARY				
1	MANAGEMENT TOTAL	\$343,712.41	N/A	\$343,712.41
2	CONSTRUCTION TOTAL	\$3,873,733.44	\$496,778.53	\$3,376,954.91
GRAND TOTAL		\$4,217,445.85	\$496,778.53	\$3,720,667.32

CONFIDENTIAL

POL-EPA01-0003338

**DETAIL FOR PTD**

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
<b>POL MGMT</b>									
1P1L01	PROJECT MANAGEMENT - PY90	\$110,859.00	\$85,607.08	\$0.00	\$85,607.08	\$0.00	77%	100%	\$0.00
1P1L01A	PROJECT MANAGEMENT - PY91	\$194,139.00	\$82,459.86	\$0.00	\$82,459.86	\$111,679.14	42%	58%	\$51,966.83
1P1L01B		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1L01C		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1L01D		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1	POL MANAGEMENT CA TOTAL	\$304,998.00	\$168,066.94	\$0.00	\$168,066.94	\$111,680.34	55%	66%	\$51,966.83
<b>A/E</b>									
1P2L01	PRIOR DESIGN AND SPECIFICATIONS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2L02	PRIOR LEGAL EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2L03	PRIOR POL EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2	ENGINEERING CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$304,998.00	\$168,066.94	\$0.00	\$168,066.94	\$111,680.34	55%	66%	\$51,966.83
<b>CMC</b>									
1C1L01	ENGINEERING SERVICES CONTRACT - PY90	\$434,040.00	\$394,156.74	\$0.00	\$394,156.74	\$0.00	91%	100%	\$0.00
1C1L01A	ENGINEERING SERVICES CONTRACT - PY91	\$204,842.00	\$165,601.59	\$0.00	\$165,601.59	\$39,240.41	81%	90%	\$20,840.23
1C1L03	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C1L04	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C1L05	ENVIRONMENTAL MONITORING: PY90	\$108,654.10	\$50,740.28	\$0.00	\$50,740.28	\$0.00	48%	100%	\$0.00
1C1L05A	ENVIRONMENTAL MONITORING: PY91	\$110,285.00	\$95,650.96	\$0.00	\$95,650.96	\$14,634.04	87%	74%	(\$18,973.05)
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$855,821.10	\$706,149.57	\$0.00	\$706,149.57	\$53,874.45	83%	83%	\$1,867.18
<b>INTERIM CMC</b>									
1C2L01	COMPLETE 1989 (CONST. MGMT.)	\$116,337.65	\$115,775.00	\$0.00	\$115,775.00	\$0.00	100%	100%	\$0.00
1C2L02	COMPLETE 1989 (CMC PURCHASES)	\$5,392.35	\$5,392.35	\$0.00	\$5,392.35	\$0.00	100%	100%	\$0.00
1C2L03B	COMPLETE 1990 (ENV. MONITORING)	\$78,288.90	\$83,949.08	\$0.00	\$83,949.08	\$0.00	107%	100%	\$0.00
1C2	INTERIM CMC CA TOTAL	\$200,018.90	\$205,116.43	\$0.00	\$205,116.43	\$0.00	103%	103%	\$0.00
<b>CONTINGENCY</b>									
1C3L01	MITIGATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C3L02	REVEGETATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$1,055,840.00	\$911,286.00	\$0.00	\$911,286.00	\$53,874.45			\$1,867.18

CONFIDENTIAL

POL-EPA01-0003340

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
1	MANAGEMENT TOTAL	\$1,360,838.00	\$1,079,332.94	\$0.00	\$1,079,332.94	\$165,554.79	79%	83%	\$53,834.01
<b>LCC ADMIN</b>									
2L1L01	COMPLETE 1990 (LCC G&A)	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
2L1L02	DELETED 1990 (LCC MARGIN)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	N/A
2L1	LCC COSTS CA TOTAL	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
2L2L01	COMPLETE 1990 (LCC MOB. G&A)	\$119,100.00	\$89,400.00	\$0.00	\$89,400.00	\$0.00	75%	100%	\$0.00
2L2L02	LCC INSURANCE: INTERIM - PY90	\$145,500.00	\$117,390.20	\$0.00	\$117,390.20	\$0.00	81%	100%	\$0.00
2L2L02A	LCC INSURANCE: INTERIM - PY91	\$145,500.00	\$108,711.00	\$0.00	\$108,711.00	\$36,789.00	75%	75%	\$552.00
2L2L03	COMPLETE 1990 (LCC ADMIN COSTS)	\$176,000.00	\$176,000.00	\$0.00	\$176,000.00	\$0.00	100%	100%	\$0.00
2L2	LCC START-UP COSTS CA TOTAL	\$586,100.00	\$491,501.20	\$0.00	\$491,501.20	\$36,789.00	84%	84%	\$552.00
2L	LCC ADMINISTRATION TASK TOTAL	\$1,396,400.00	\$1,302,501.60	\$0.00	\$1,302,501.60	\$36,789.00	93%	100%	\$552.00
<b>MOBILIZATION</b>									
2M1L01	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2M1L05	COMPLETE 1990 (SMALL TOOLS)	\$63,724.00	\$61,034.04	\$0.00	\$61,034.04	\$0.00	97%	100%	\$0.00
2M1L06	COMPLETE 1990 (REMODELING)	\$46,520.00	\$50,732.20	\$0.00	\$50,732.20	\$0.00	109%	100%	\$0.00
2M1L07	COMPLETE 1990 (RECONDITIONING)	\$97,163.00	\$113,909.36	\$19.38	\$113,889.98	\$0.00	117%	100%	\$0.00
2M1L08	COMPLETE 1990 (SHOPS)	\$192,210.00	\$190,603.34	\$0.00	\$190,603.34	\$0.00	99%	100%	\$0.00
2M1X01	BARRICADING ROAD CLOSURE	\$45,000.00	\$22,897.63	\$31.14	\$22,866.49	\$0.00	51%	100%	\$0.00
2M1	MOBILIZATION CA TOTAL	\$444,617.00	\$440,076.57	\$50.52	\$440,026.05	\$0.00	99%	99%	\$0.00
<b>LAND SURVEY</b>									
2M2N01	LAND SURVEY NP AREA	\$117,913.00	\$131,705.71	\$2,550.04	\$129,155.67	\$0.00	112%	100%	\$0.00
2M2S01	LAND SURVEY SP AREA	\$266,237.00	\$83,872.93	\$1,722.22	\$82,150.71	\$182,364.07	32%	50%	\$93,865.58
2M2J01	LAND SURVEY JP AREA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2M2	LAND SURVEY CA TOTAL	\$384,150.00	\$215,578.64	\$4,272.26	\$211,306.38	\$182,364.07	56%	73%	\$93,865.58
<b>TRAINING</b>									
2M3L01	COMPLETE 1990 (MOB. OP. TRAINING)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2M3L02	OPERATOR TRAINING: EARTHWORK - PY90	\$171,628.00	\$135,461.50	\$3,635.60	\$131,825.90	\$0.00	79%	100%	\$0.00
2M3L02A	OPERATOR TRAINING: EARTHWORK - PY91	\$100,000.00	\$26,494.96	\$0.00	\$26,494.96	\$73,505.04	26%	26%	(\$1,903.69)
2M3	LCC TRAINING CA TOTAL	\$271,628.00	\$161,956.46	\$3,635.60	\$158,320.86	\$73,505.04	60%	58%	(\$1,903.69)
2M	MOBILIZATION TASK TOTAL	\$1,100,395.00	\$817,011.07	\$7,958.38	\$809,053.29	\$255,809.11	74%	60%	\$91,961.89
<b>BACKFILLING</b>									
2M4L01	COMPLETE 1990 (NP HAUL ROADS)	\$60,352.00	\$87,120.86	\$12,184.44	\$74,936.42	(\$26,768.86)	124%	84.42%	\$12,184.44

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POL-EPA01-0003341

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E1N02	HAUL TO NP PIT: NP-PS-17	\$1,838,682.00	\$1,125,795.87	\$288,214.26	\$837,581.61	\$712,886.13	61%	100%	\$512,804.39
2E1N03	COMPLETED 1990 (NP-PS-18)	\$1,313,140.00	\$928,227.81	\$222,620.62	\$705,607.19	\$384,912.19	71%	100%	\$204,800.00
2E1N04	COMPLETED 1990 (NP-PS-14)	\$413,123.00	\$188,356.58	\$30,389.74	\$157,966.84	\$224,766.42	46%	100%	\$120,000.00
2E1N05	COMPLETED 1990 (NP-PS-15)	\$408,830.00	\$210,495.74	\$33,927.65	\$176,568.09	\$198,334.26	51%	100%	\$105,800.00
2E1N06	COMPLETED 1990 (NP-PS-16)	\$257,759.00	\$210,848.58	\$39,889.15	\$170,959.43	\$46,810.42	82%	100%	\$0.00
2E1N07	COMPLETE 1990 (SP-PS-01)	\$1,616,723.00	\$1,069,376.57	\$213,963.59	\$855,412.98	\$547,346.43	66%	100%	\$291,200.00
2E1N08	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1N09	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	\$102,067.00	\$62,462.80	\$9,653.05	\$52,809.75	\$39,604.20	61%	100%	\$21,193.25
2E1N11	COMPLETE 1990 (NP-PS-13)	\$149,157.00	\$150,560.64	\$18,071.14	\$132,489.50	(\$1,403.64)	101%	100%	(\$1,403.50)
2E1N12	COMPLETE 1990 (NP-WS-19)	\$148,393.00	\$48,316.68	\$0.00	\$48,316.68	\$100,076.32	33%	100%	\$100,076.32
	NP BACKFILLING SUBTOTAL	\$6,308,226.00	\$4,081,562.13	\$868,913.64	\$3,212,648.49	\$2,226,663.87	65%	64%	\$1,326,666.04
2E1S01	CONSTRUCT SP HAUL ROADS	\$87,899.00	\$41,801.75	\$5,609.10	\$35,992.65	\$46,297.25	47%	85%	\$23,472.71
2E1S02	HAUL SP-PS-02 TO SP-OP-34	\$120,303.99	\$120,303.99	\$18,127.32	\$102,176.67	\$0.00	100%	100%	(\$7,414.68)
2E1S03	SP-PS-02 ADDITIONAL VOLUME	\$46,888.00	\$46,888.00	\$0.00	\$46,888.00	\$0.00	100%	100%	\$0.00
	SP BACKFILLING SUBTOTAL	\$209,202.99	\$209,793.74	\$23,736.42	\$185,057.32	\$46,297.25	100%	96%	\$16,058.03
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS	\$108,772.00	\$2,894.25	\$591.04	\$2,303.21	\$105,877.75	3%	0%	\$0.00
2E1J02	HAUL JP-PS-23 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J07	HAUL JP-PS-27 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J08	HAUL JP-WO-07 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J09	HAUL JP-WO-12 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J10	HAUL JP-WS-08 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J11	HAUL JP-WS-15 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J15	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP BACKFILLING SUBTOTAL	\$108,772.00	\$2,894.25	\$591.04	\$2,303.21	\$105,877.75	3%	0%	\$0.00

2E1	BACKFILLING CA TOTAL	\$6,625,200.99	\$4,293,250.12	\$893,241.10	\$3,400,009.02	\$2,378,838.87	65%	64%	\$1,342,744.07
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DUMP SLOPING									
2E2N01	DELETED 1990 (NP-WO-01)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2N02	CUT SLOPES NP-WO-02(BENEATH NP-PS-17)	\$105,272.00	\$12,330.04	\$2,256.93	\$10,074.11	\$182,941.96	6%	100%	\$140,676.89
2E2N03	CUT NP-WS-03 SLOPES	\$25,576.00	\$15,851.29	\$2,797.89	\$13,053.40	\$9,724.71	62%	100%	\$8,691.60
2E2N04	COMPLETE 1990 (NP-WO-04)	\$24,959.00	\$20,111.21	\$3,406.72	\$16,704.49	\$4,847.79	81%	100%	\$0.00
2E2N05	CUT NP-WO-06 SLOPES	\$23,741.00	\$494.43	\$41.68	\$452.75	\$23,246.57	2%	2%	(\$8,821.50)
2E2N06	CUT NP-WT-09 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2N07	REGRADE NP-DN-22	\$13,811.49	\$13,811.49	\$2,440.85	\$11,370.64	(\$0.00)	100%	100%	(\$475.15)
2E2N08	CUT NP-WM-12 SLOPES	\$14,262.00	\$4,993.22	\$907.31	\$4,085.91	\$9,268.78	35%	100%	\$10,178.09
2E2N09	COMPLETE 1990 (NP-HW-25)	\$24,309.00	\$15,890.44	\$1,580.41	\$14,130.03	\$8,618.56	65%	100%	\$0.00
	NP DUMP SLOPING SUBTOTAL	\$321,830.49	\$83,282.12	\$13,410.79	\$69,871.33	\$238,648.37			\$17.93
	DELETED 1990 (SP-WO-13A/WO-10)	\$156,202.00	\$64,795.69	\$6,964.98	\$57,830.71	\$91,406.31			\$0.00

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POL-EPA01-0003342

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E2S02	CUT SP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S03	CUT SP-WO-13B/WS-18A SLOPES	\$1,013,795.00	\$973,586.58	\$220,467.77	\$753,118.81	\$40,208.42	96%	93%	(\$7,195.17)
2E2S04	COMPLETE 1990 (SP-WO-14)	\$54,671.00	\$39,385.36	\$5,621.00	\$33,764.36	\$15,285.64	72%	100%	\$0.00
2E2S05	CUT SP-WS-18B SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S06	COMPLETED 1990 (SP-WS-18C/WT-19)	\$694,880.00	\$544,655.55	\$123,410.45	\$421,245.10	\$150,224.45	78%	100%	\$80,000.00
2E2S07	COMPLETED 1990 (SP-WT-03)	\$42,786.00	\$30,433.21	\$3,083.78	\$27,349.43	\$12,352.79	71%	100%	\$0.00
2E2S08	DELETED 1990 (SP-WT-05)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S09	COMPLETE 1990 (SP-WO-38)	\$2,377.00	\$1,638.25	\$197.80	\$1,440.45	\$738.75	69%	100%	\$0.00
2E2S10	DELETED 1990 (SP-WS-06)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S11	COMPLETE 1990 (SP-WT-19A)	\$36,843.00	\$23,369.65	\$397.22	\$22,972.43	\$13,473.35	63%	100%	\$0.00
2E2S12	COMPLETED 1990 (SP-WM-12/WS-11)	\$50,512.00	\$44,187.45	\$7,006.12	\$37,181.33	\$6,324.55	87%	100%	\$0.00
2E2S13	DELETED 1990 (SP-WT-15A/15B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S14	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S15	COMPLETE 1990 (SP-WT-16/WT-37)	\$34,710.00	\$24,280.44	\$2,994.50	\$21,285.94	\$10,429.56	70%	100%	\$0.00
2E2S16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S17	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S19	COMPLETED 1990 (SP-MISCELLANEOUS SLOP SP DUMP SLOPING SUBTOTAL	\$5,080.00 \$2,091,856.00	\$3,600.12 \$1,750,022.30	\$530.73 \$370,674.35	\$3,159.39 \$1,379,347.95	\$1,389.88 \$341,833.70	73% 84%	100% 70%	\$0.00 \$120,804.83
2E2J01	CUT JP-WO-11 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J02	CUT JP-WT-16D SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J03	CUT JP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J04	CUT JP-PS-22 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J05	CUT JP-WO-72 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J07	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J08	CUT JP-WS-01 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J09	DELETED 1990 (JP-WT-02A/02B/02C)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J10	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J11	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J12	CUT JP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J13	CUT JP-WS-08/12 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J14	CUT JP-WO-11 SLOPES	\$721,679.00	\$332,862.30	\$56,522.68	\$276,339.62	\$388,816.70	46%	95%	\$211,819.19
2E2J15	CUT JP-WS-15A/15B SLOPES	\$157,141.00	\$45,761.74	\$8,560.86	\$37,200.88	\$111,379.26	29%	100%	\$72,260.12
2E2J16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J17	CUT JP-WS-16A/16B/16C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J19	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J20	CUT SLOPES JP-WO-14 (NORTH SLOPES)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J21	CUT JP-WS-19A SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J22	CUT JP-WS-19B SLOPES	\$395,761.00	\$28,276.86	\$4,899.46	\$23,377.40	\$367,484.14	7%	13%	\$215,934.85
2E2J23	CUT JP-WS-19C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J24	CUT JP-WO-66 SLOPES	\$258,203.00	\$54,762.06	\$5,535.69	\$49,226.37	\$203,440.94	21%	36%	\$121,463.08
2E2J25	DELETED 1990 (JP-WO-70)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J26	CUT JP-WO-18/66A SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J27	CUT JP-WO-18/66B SLOPES	\$100,412.00	\$44,369.93	\$313.01	\$44,056.92	\$56,042.07	44%	14%	\$14.08
2E2J28	CUT JP-WO-18/66C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

CONFIDENTIAL

POL-EPA01-0003343



# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E2J29	DELETED 1990 (JP-WO-03A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J30	DELETED 1990 (JP-WO-03B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J31	DELETED 1990 (JP-WO-04A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J32	DELETED 1990 (JP-WO-04B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J33	DELETED 1990 (JP-WO-05A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J34	DELETED 1990 (JP-WO-05B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
JP DUMP SLOPING SUBTOTAL		\$1,833,198.00	\$506,032.89	\$75,831.70	\$430,201.19	\$1,127,163.11	31%	44%	\$854,791.32

2E2	DUMP SLOPING CA TOTAL	\$4,046,982.49	\$2,339,337.31	\$459,916.84	\$1,879,420.47	\$1,707,645.18	58%	60%	\$923,844.08
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## COVER PLACEMENT

2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2	\$177,823.00	\$182,140.04	\$4,026.78	\$178,113.28	(\$4,317.04)	102%	100%	(\$15,616.28)
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D8	\$246,424.00	\$194.07	\$0.00	\$194.07	\$246,229.93	0%	0%	\$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4	\$149,246.00	\$115,838.00	\$14,055.03	\$101,782.97	\$33,408.00	78%	100%	\$2,800.03
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1	\$116,032.00	\$105,927.15	\$683.15	\$105,244.00	\$10,104.85	91%	100%	(\$23,935.00)
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3	\$203,056.00	\$195,091.69	\$36,689.72	\$158,401.97	\$7,964.31	96%	100%	(\$18,111.97)
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5	\$232,064.00	\$145,056.89	\$33,616.39	\$111,440.50	\$87,007.11	63%	100%	\$51,178.50
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N12	DELETED 1990 (NP-WS-31)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9	\$73,235.00	\$26,023.87	\$4,732.41	\$21,291.46	\$47,211.13	36%	100%	\$51,943.54
2E3N14	SHALE BORROW TO NP-D4	\$49,144.13	\$49,144.13	\$11,382.07	\$37,762.06	\$0.00	100%	100%	\$11,382.07
2E3N15	SHALE BORROW TO NP-D5	\$136,500.00	\$96,946.30	\$23,191.46	\$73,754.84	\$39,553.70	71%	100%	\$62,745.16
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3	\$83,873.00	\$70,942.60	\$15,259.07	\$55,683.53	\$12,930.40	85%	100%	\$21,662.47
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2	\$81,152.00	\$73,155.14	\$15,645.08	\$57,510.06	\$7,996.86	90%	100%	\$16,617.94
2E3N20	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
NP COVER PLACEMENT SUBTOTAL		\$1,548,549.13	\$1,060,459.88	\$159,281.14	\$901,178.74	\$488,089.25	68%	0%	\$162,664.46
2E3S01	SOIL BORROW SP-OP-35(SP-D1)FROM SP-SB	\$176,082.00	\$25,878.46	\$2,737.40	\$23,141.06	\$150,203.54	15%	35%	\$57,879.89
2E3S02	SOIL BORROW SP-WS-17(SP-D2)FROM SP-SB	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S03	SOIL BORROW SP-D3 FROM SP-SB-44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7	\$300,498.00	\$58,674.00	\$14,231.11	\$44,442.89	\$241,824.00	20%	20%	\$48,415.55
2E3S08	SOIL BORROW (D8) FROM SP-SB-44	\$425,531.00	\$73,057.87	\$14,981.87	\$58,076.00	\$352,473.13	17%	28%	\$218,116.71
2E3S09	SOIL BORROW (D9) FROM SP-SB-42	\$446,808.00	\$187,327.55	\$39,932.17	\$147,395.38	\$259,480.45	42%	68%	\$230,050.09
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S11	SOIL BORROW (SP-D11) FROM SP-SB-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S12	SOIL BORROW (SP-D12) FROM SP-SB-43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S13	SOIL BORROW (SP-D1B) FROM SP-SB-50	\$262,362.00	\$147,846.70	\$25,110.35	\$122,736.35	\$114,515.30	56%	100%	\$139,625.65
CONFIDENTIAL	SOIL BORROW (SP-13A)FROM SP-WS-17	\$26,370.00	\$21,577.46	\$0.00	\$21,577.46	\$4,792.54	POL-EPA01-0003344		\$2.54

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E3S15	SHALE BORROW (SP-13B) FROM SP-WS-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S16	SHALE BORROW SP-PS-01 FROM SP-WS-07	\$83,484.00	\$50,527.87	\$11,198.25	\$39,329.62	\$32,956.13	61%	100%	\$37,516.38
2E3S17	SHALE BORROW (SP-14) FROM SP-WS-07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S18	HAUL SHALE FROM SP-WS-07 TO SP-04	\$190,818.00	\$185,832.89	\$21,841.37	\$143,991.52	\$24,985.11	87%	100%	\$46,826.48
2E3S19	HAUL SHALE FROM SP-WS-07 TO SP-D10	\$14,368.00	\$29,466.81	\$0.00	\$29,466.81	(\$15,098.81)	205%	100%	(\$16,894.81)
2E3S20	HAUL SHALE FROM SP-WS-07 TO SP-38	\$14,947.00	\$34,876.68	\$200.81	\$34,675.87	(\$19,929.68)	233%	100%	(\$23,181.87)
2E3S21	HAUL SHALE FROM SP-WS-07 TO SP-10	\$21,143.00	\$31,850.32	\$142.07	\$31,708.25	(\$10,707.32)	151%	100%	(\$12,442.25)
	SP COVER PLACEMENT SUBTOTAL	\$1,962,411.00	\$826,916.61	\$130,375.40	\$696,541.21	\$1,135,494.39	42%	0%	\$730,704.16
2E3J01	HAUL SOIL FROM JP-SB-53 TO D4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J02	HAUL SOIL FROM JP-SB-53 TO D5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J03	HAUL SOIL FROM JP-SB-53 TO D6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J04	HAUL SOIL FROM JP-SB-53 TO D9A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J05	HAUL SOIL FROM JP-SB-53 TO D1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J06	HAUL SOIL FROM JP-SB-53 TO D3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J07	HAUL SOIL FROM JP-SB-64 TO D2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J08	HAUL SOIL FROM JP-SB-64 TO D7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J09	HAUL SOIL FROM JP-SB-64 TO D11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J10	HAUL SOIL FROM JP-SB-64 TO D12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J11	HAUL SOIL FROM JP-SB-64 TO D16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J12	HAUL SOIL FROM JP-SB-64 TO D15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J13	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J14	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J15	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J16	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J17	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J18	HAUL SHALE FROM JP-WS-19 TO D4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J19	HAUL SHALE FROM JP-WS-15 TO D1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J20	HAUL SHALE FROM JP-WS-15 TO D2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J21	HAUL SHALE FROM JP-WS-15 TO D7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J22	HAUL SHALE FROM JP-WS-15 TO D11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J23	HAUL SHALE FROM JP-WS-15 TO D12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J24	HAUL SHALE FROM JP-WT-02 TO D8A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J25	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J26	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J27	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J28	HAUL SHALE FROM JP-WT-02 TO D15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3J29	HAUL SHALE FROM JP-WT-02 TO D16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP COVER PLACEMENT SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E3	COVER PLACEMENT CA TOTAL	\$3,510,960.13	\$1,887,376.49	\$289,656.54	\$1,597,719.95	\$1,623,583.64	54%	61%	\$893,368.62
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CONTAM SOIL EXV									
2E4NO1	HAUL CS FROM NP-CS-23/24 TO NP-OP-20	\$106,304.00	\$89,655.64	\$20,825.16	\$68,830.48	\$16,648.36	84%	90%	\$21,273.69
2E4NO1A	NORTH RIO PAGUATE-EAST	\$45,600.00	\$45,481.17	\$10,334.34	\$35,146.83	\$118.83	100%	100%	\$10,453.17
2E4NO1B	NORTH RIO PAGUATE-WEST	\$45,600.00	\$45,478.72	\$10,246.14	\$35,232.58	\$121.28	100%	100%	\$10,367.42
	NP CONTAMINATED SOIL SUBTOTAL	\$197,504.00	\$180,615.53	\$41,405.64	\$139,209.89	\$16,888.4			\$24.28
	NP-CS-27/28/31/33/53 TO SP-OP-34	\$162,633.00	\$111,180.11	\$22,157.89	\$89,022.22	\$51,452.8			(\$63.77)

CONFIDENTIAL

POL-EPA01-0003345

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E4S02	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S04	SP-CS-33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S05	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S07	COMPLETED 1990 (SP-CS-62/32 TO SP-OP-35)	\$11,432.00	\$23,148.83	\$5,917.38	\$17,229.45	(\$11,714.83)	202%	100%	(\$8,940.45)
	SP CONTAMINATED SOIL SUBTOTAL	\$174,065.00	\$134,326.94	\$28,075.27	\$106,251.07	\$39,738.06	77%	50%	(\$18,004.23)
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP CONTAMINATED SOIL SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E4	CONTAMINATED SOIL CA TOTAL	\$371,569.00	\$314,942.47	\$69,480.91	\$245,461.56	\$56,628.53	85%	71%	\$23,490.05
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## HIGHWALL RECLAM

2E5N01	TRIM NP HIGHWALLS	\$78,967.00	\$1,005.98	\$190.14	\$815.82	\$77,961.04	1%	1%	(\$16,479.00)
2E5N02	SCALE NP HIGHWALLS	\$62,262.00	\$0.00	\$0.00	\$0.00	\$62,262.00	0%	0%	\$0.00
	NP HIGHWALL SUBTOTAL	\$0.00	\$1,005.98	\$190.14	\$815.82	\$140,223.04	0%	5%	(\$16,479.00)
2E5S01	TRIM SP HIGHWALLS	\$77,047.00	\$29,160.64	\$0.00	\$29,160.64	\$47,886.36	38%	50%	\$4,861.72
2E5S02	SCALE SP HIGHWALLS	\$75,469.00	\$29,160.63	\$0.00	\$29,160.63	\$46,308.37	39%	50%	\$15,897.74
	SP HIGHWALL SUBTOTAL	\$152,516.00	\$58,321.27	\$0.00	\$58,321.27	\$94,194.73	38%	44%	\$20,759.46
2E5J01	TRIM JP HIGHWALLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E5J02	SCALE JP HIGHWALLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E5	HIGHWALL CA TOTAL	\$152,516.00	\$59,327.23	\$190.14	\$59,137.09	\$234,417.77	39%	40%	\$1,280.46
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## EROSION CONTROL

2E6N01	DELETED 1990 (EROSION ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6N02	DELETE RIO MOQUINO CHANNEL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6N03	DELETED 1990 (BEDDING MATERIAL)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6X01	DELETED 1990 (QUARRY ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6X02	DELETED 1990 (PROCESS ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	ROCK SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
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2E	EARTHWORK TASK TOTAL	\$14,707,228.61	\$8,894,233.62	\$1,712,485.53	\$7,181,748.09	\$6,001,111.99	60%	62%	\$3,187,727.27
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## UG ENTRIES ABAN

2S1N01	SEAL PW 2/3 UG ENTRY: NP SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	100%	\$0.00
	P-13 ADIT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

CONFIDENTIAL

POL-EPA01-0003346

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2S1S02	SEAL P-10 DECLINE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S1S03	COMPLETE 1990 (H-I ADIT)	\$10,902.00	\$734.25	\$58.18	\$676.07	\$10,167.75	7%	100%	\$10,225.93
2S1S04	SEAL VENT HOLES	\$56,640.00	\$11,824.73	\$10.00	\$11,814.73	\$44,815.27	21%	70%	\$23,878.81
2S1S05	COMPLETE 1990 (DRILL HOLES)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	100%	\$0.00
	SP UG ENTRIES ABANDON SUBTOTAL	\$67,542.00	\$12,558.98	\$68.18	\$12,490.80	\$54,983.02	19%	37%	\$34,104.74
2S1J01	SEAL JP-SS-50 ENTRIES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S1J02	SEAL JP-SS-46 ENTRIES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP UG ENTRIES ABANDON SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S1	UG ENTRIES ABANDON CA TOTAL	\$67,542.00	\$12,558.98	\$68.18	\$12,490.80	\$54,983.02	19%	37%	\$34,104.74
<b>PIT WATER</b>									
2S2N01	COMPLETE 1990 (NP PIT)	\$141,666.00	\$161,935.47	\$36,761.23	\$125,174.24	(\$20,269.47)	114%	100%	\$16,491.76
2S2S01	DISPOSE OF SP PIT WATER	\$93,920.00	\$128,155.26	\$23,736.58	\$104,418.68	(\$34,235.26)	136%	100%	(\$12,033.68)
2S2J01	DISPOSE OF JP PIT WATER	\$181,404.00	\$114,817.40	\$36,615.44	\$78,201.96	\$66,586.80	63%	50%	\$8,658.08
2S2	PIT WATER CA TOTAL	\$416,990.00	\$404,908.13	\$97,113.25	\$307,794.88	\$12,081.87	97%	78%	\$13,117.16
<b>SURF STRUC DEM</b>									
2S3N01	COMPLETE 1990 (NP SURF. STRUC.)	\$2,947.00	\$1,172.41	\$0.00	\$1,172.41	\$1,774.59	40%	100%	\$1,774.59
2S3S01	DEMOLISH SP SURFACE STRUCTURES	\$57,896.00	\$35,016.80	\$38.05	\$34,978.75	\$22,879.20	60%	100%	\$22,917.25
2S3J01	DEMOLISH JP SURFACE STRUCTURES	\$114,986.00	\$101,877.48	\$3,621.74	\$98,255.74	\$13,108.52	89%	95%	(\$13,083.09)
2S3	SS DEMOLITION CA TOTAL	\$175,829.00	\$138,066.69	\$3,659.79	\$134,406.90	\$37,762.31	79%	82%	\$11,608.75
<b>SURF STRC DECOM</b>									
2S4XY	NOT ASSIGNED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S4	SS DECOM CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
<b>PERM STRUC</b>									
2S5N01	CONSTRUCT PERMANENT ACCESS ROADS: NP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5N02	CONSTRUCT PERMANENT FENCES: NP AREA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	NP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5S01	CONSTRUCT PERMANENT ACCESS ROADS: SP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5S02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	SP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5J01	CONSTRUCT PERMANENT ACCESS ROADS: SP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5J02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5J09	CONSTRUCT PERMANENT FENCES: ALL AREA	\$151,565.00	\$127,655.20	\$1,725.04	\$125,930.16	\$23,909.80	84%	84%	\$1,648.14
	ALL STRUCTURES SUBTOTAL	\$151,565.00	\$127,655.20	\$1,725.04	\$125,930.16	\$23,909.80	84%	84%	\$1,648.14
2S5	PERMANENT STRUCTURES CA TOTAL	\$151,565.00	\$127,655.20	\$1,725.04	\$125,930.16	\$23,909.80	84%	84%	\$1,648.14
2S	STRUCTURES TASK TOTAL	\$811,926.00	\$683,189.00	\$102,568.26	\$580,622.74	\$128,737.00	84%	77%	\$60,478.79
<b>SEEDBEDS</b>									
	PARE BED & SEED NP FLAT AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

CONFIDENTIAL

POL-EPA01-0003347

# DETAIL FOR PTD

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2R1N02	PREPARE BED & SEED NP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	NP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S03	COMPLETE 1990 (RESEED AT HOUSING AREA)	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
	SP SEEDING SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1	SEEDING CA SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
<b>IRRIGATION</b>									
2R2N01	DELETED 1990 (IRRIGATION)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2S01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2J01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R	REVEGETATION TASK TOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
<b>TERRACING</b>									
2T1N01	TERRACING NP AREA: 1200 LF								
2T1S01	TERRACING SP AREA: 19100 LF								
2T1J01	TERRACING JP AREA: 29000 LF								
2T1	TERRACING CA SUBTOTAL								
<b>SPECIAL CASES</b>									
2T2S01	CUT SP-SW-06 SLOPES - OAK CANYON								
2T2J01	CUT JP-WS-01 SLOPES - GAVILAN								
2T2J02	CUT JP-WO-14 SLOPES - RIO MOQUINO								
2T2J03	CUT JP-WO-03A/3B/4A/4B SLOPES								
2T2J04	CUT NORTH JP-WS-19 BENCHES								
2T2N01	CUT JP-WO-01 BENCHES - RIO MOQUINO								
2T2	SPECIAL CA SUBTOTAL								
2T	TERRACING/SPECIAL TASK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2	CONSTRUCTION TOTAL	\$18,070,866.61	\$11,726,839.89	\$1,823,010.17	\$9,905,829.72	\$6,446,120.10	85%	67%	\$3,364,332.96

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POL-EPA01-0003348

**DETAIL FOR PY91**

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
<b>POL MGMT</b>				
1P1L01	PROJECT MANAGEMENT - PY90	\$0.00	\$0.00	\$0.00
1P1L01A	PROJECT MANAGEMENT - PY91	\$82,459.86	\$0.00	\$82,459.86
1P1L01B		\$0.00	\$0.00	\$0.00
1P1L01C		\$0.00	\$0.00	\$0.00
1P1L01D		\$0.00	\$0.00	\$0.00
1P1	POL MANAGEMENT CA TOTAL	\$82,459.86	\$0.00	\$82,459.86
<b>A/E</b>				
1P2L01	PRIOR DESIGN AND SPECIFICATIONS	\$0.00	\$0.00	\$0.00
1P2L02	PRIOR LEGAL EXPENSE	\$0.00	\$0.00	\$0.00
1P2L03	PRIOR POL EXPENSE	\$0.00	\$0.00	\$0.00
1P2	ENGINEERING CA TOTAL	\$0.00	\$0.00	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$82,459.86	\$0.00	\$82,459.86
<b>CMC</b>				
1C1L01	ENGINEERING SERVICES CONTRACT - PY90	\$0.00	\$0.00	\$0.00
1C1L01A	ENGINEERING SERVICES CONTRACT - PY91	\$165,601.59	\$0.00	\$165,601.59
1C1L03	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00
1C1L04	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00
1C1L05	ENVIRONMENTAL MONITORING: PY90	\$0.00	\$0.00	\$0.00
1C1L05A	ENVIRONMENTAL MONITORING: PY91	\$95,650.96	\$0.00	\$95,650.96
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$261,252.55	\$0.00	\$261,252.55
<b>INTERIM CMC</b>				
1C2L01	COMPLETE 1989 (CONST. MGMT.)	\$0.00	\$0.00	\$0.00
1C2L02	COMPLETE 1989 (CMC PURCHASES)	\$0.00	\$0.00	\$0.00
1C2L03B	COMPLETE 1989 (ENV. MONITORING)	\$0.00	\$0.00	\$0.00
1C2	INTERIM CMC CA TOTAL	\$0.00	\$0.00	\$0.00
<b>CONTINGENCY</b>				
1C3L01	MITIGATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00
1C3L02	REVEGETATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00
CONFIDENTIAL	CONSTRUCTION MANAGEMENT TASK TOTAL	\$261,252.55	\$0.00	\$261,252.55

POL-EPA01-0003350

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
1	MANAGEMENT TOTAL	\$343,712.41	\$0.00	\$343,712.41

LCC ADMIN				
2L1L01	COMPLETE 1990 (LCC G&A)	\$0.00	\$0.00	\$0.00
2L1L02	DELETED 1990 (LCC MARGIN)	\$0.00	\$0.00	\$0.00

2L1	LCC COSTS CA TOTAL	\$0.00	\$0.00	\$0.00
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2L2L01	COMPLETE 1990 (LCC MOB. G&A)	\$0.00	\$0.00	\$0.00
2L2L02	LCC INSURANCE: INTERIM - PY90	\$0.00	\$0.00	\$0.00
2L2L02A	LCC INSURANCE: INTERIM - PY91	\$108,711.00	\$0.00	\$108,711.00
2L2L03	COMPLETE 1990 (LCC ADMIN COSTS)	\$0.00	\$0.00	\$0.00

2L2	LCC START-UP COSTS CA TOTAL	\$108,711.00	\$0.00	\$108,711.00
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2L	LCC ADMINISTRATION TASK TOTAL	\$108,711.00	\$0.00	\$108,711.00
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MOBILIZATION				
2M1L01	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2M1L05	COMPLETE 1990 (SMALL TOOLS)	\$0.00	\$0.00	\$0.00
2M1L06	COMPLETE 1990 (REMODELING)	\$0.00	\$0.00	\$0.00
2M1L07	COMPLETE 1990 (RECONDITIONING)	\$0.00	\$0.00	\$0.00
2M1L08	COMPLETE 1990 (SHOPS)	\$0.00	\$0.00	\$0.00
2M1X01	BARRICADING ROAD CLOSURE	\$14,115.43	\$28.62	\$14,086.81

2M1	MOBILIZATION CA TOTAL	\$14,115.43	\$28.62	\$14,086.81
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LAND SURVEY				
2M2N01	LAND SURVEY NP AREA	\$0.00	\$0.00	\$0.00
2M2S01	LAND SURVEY SP AREA	\$77,428.05	\$1,008.86	\$76,419.19
2M2J01	LAND SURVEY JP AREA	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00

2M2	LAND SURVEY CA TOTAL	\$77,428.05	\$1,008.86	\$76,419.19
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TRAINING				
2M3L01	COMPLETE 1990 (MOB. OP. TRAINING)	\$0.00	\$0.00	\$0.00
2M3L02	OPERATOR TRAINING: EARTHWORK - PY90	\$0.00	\$0.00	\$0.00
2M3L02A	OPERATOR TRAINING: EARTHWORK - PY91	\$18,740.20	\$0.00	\$18,740.20

2M3	LCC TRAINING CA TOTAL	\$18,740.20	\$0.00	\$18,740.20
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2M	MOBILIZATION TASK TOTAL	\$110,263.68	\$1,037.48	\$109,246.20
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COMPLETE 1990 (NP HAUL ROADS)	\$0.00	\$0.00	\$0.00
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POL-EPA01-0003351



# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E1N02	HAUL TO NP PIT: NP-PS-17	\$483,746.45	\$114,685.12	\$369,061.33
2E1N03	COMPLETED 1990 (NP-PS-18)	\$103,312.19	\$0.00	\$103,312.19
2E1N04	COMPLETED 1990 (NP-PS-14)	\$59,766.41	\$0.00	\$59,766.41
2E1N05	COMPLETED 1990 (NP-PS-15)	\$53,134.27	\$0.00	\$53,134.27
2E1N06	COMPLETED 1990 (NP-PS-16)	\$46,910.41	\$0.00	\$46,910.41
2E1N07	COMPLETE 1990 (SP-PS-01)	\$146,946.42	\$0.00	\$146,946.42
2E1N08	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E1N09	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	\$34,305.13	\$7,136.63	\$27,168.50
2E1N11	COMPLETE 1990 (NP-PS-13)	\$0.00	\$0.00	\$0.00
2E1N12	COMPLETE 1990 (NP-WS-19)	\$0.00	\$0.00	\$0.00
	NP BACKFILLING SUBTOTAL	\$928,121.28	\$121,821.65	\$806,299.63
2E1S01	CONSTRUCT SP HAUL ROADS	\$0.00	\$0.00	\$0.00
2E1S02	HAUL SP-PS-02 TO SP-OP-34	\$33,836.79	\$0.00	\$33,836.79
2E1S03	SP-PS-02 ADDITIONAL VOLUME	\$46,888.00	\$0.00	\$46,888.00
	SP BACKFILLING SUBTOTAL	\$80,724.79	\$0.00	\$80,724.79
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS	\$2,894.25	\$591.04	\$2,303.21
2E1J02	HAUL JP-PS-23 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J07	HAUL JP-PS-27 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J08	HAUL JP-WO-07 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J09	HAUL JP-WO-12 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J10	HAUL JP-WS-08 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J11	HAUL JP-WS-15 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42	\$0.00	\$0.00	\$0.00
2E1J15	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
	JP BACKFILLING SUBTOTAL	\$2,894.25	\$591.04	\$2,303.21
2E1	BACKFILLING CA TOTAL	\$1,011,740.32	\$122,412.69	\$889,327.63
<b>DUMP SLOPING</b>				
2E2N01	DELETED 1990 (NP-WO-01)	\$0.00	\$0.00	\$0.00
2E2N02	CUT SLOPES NP-WO-02(BENEATH NP-PS-17)	\$12,330.04	\$2,255.93	\$10,074.11
2E2N03	CUT NP-WS-03 SLOPES	\$15,851.29	\$2,797.89	\$13,053.40
2E2N04	COMPLETE 1990 (NP-WO-04)	\$4,847.78	\$0.00	\$4,847.78
2E2N05	CUT NP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00
2E2N06	CUT NP-WT-09 SLOPES	\$0.00	\$0.00	\$0.00
2E2N07	REGRADE NP-DN-22	\$13,811.49	\$2,440.85	\$11,370.64
2E2N08	CUT NP-WM-12 SLOPES	\$4,993.22	\$907.31	\$4,085.91
2E2N09	COMPLETE 1990 (NP-HW-25)	\$8,618.57	\$0.00	\$8,618.57
	NP DUMP SLOPING SUBTOTAL	\$60,452.39	\$8,401.98	\$52,050.41
	COMPLETED 1990 (SP-WO-13A/WO-10)	\$25,404.30	\$0.00	\$25,406.30

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POL-EPA01-0003352

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E2S02	CUT SP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00
2E2S03	CUT SP-WO-13B/WS-18A SLOPES	\$274,411.81	\$57,076.64	\$217,335.17
2E2S04	COMPLETE 1990 (SP-WO-14)	\$15,285.84	\$0.00	\$15,285.84
2E2S05	CUT SP-WS-18B SLOPES	\$0.00	\$0.00	\$0.00
2E2S06	COMPLETED 1990 (SP-WS-18C/WT-19)	\$40,224.45	\$0.00	\$40,224.45
2E2S07	COMPLETED 1990 (SP-WT-03)	\$12,352.80	\$0.00	\$12,352.80
2E2S08	DELETED 1990 (SP-WT-05)	\$0.00	\$0.00	\$0.00
2E2S09	COMPLETE 1990 (SP-WO-38)	\$738.76	\$0.00	\$738.76
2E2S10	DELETED 1990 (SP-WS-06)	\$0.00	\$0.00	\$0.00
2E2S11	COMPLETE 1990 (SP-WT-19A)	\$13,474.35	\$0.00	\$13,474.35
2E2S12	COMPLETED 1990 (SP-WM-12/WS-11)	\$6,323.55	\$0.00	\$6,323.55
2E2S13	DELETED 1990 (SP-WT-15A/15B)	\$0.00	\$0.00	\$0.00
2E2S14	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S15	COMPLETE 1990 (SP-WT-16/WT-37)	\$10,429.56	\$0.00	\$10,429.56
2E2S16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S17	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S19	COMPLETED 1990 (SP-MISCELLANEOUS SLOP	\$1,389.88	\$0.00	\$1,389.88
	SP DUMP SLOPING SUBTOTAL	\$400,037.10	\$57,076.64	\$342,960.46
2E2J01	CUT JP-WO-11 SLOPES	\$0.00	\$0.00	\$0.00
2E2J02	CUT JP-WT-16D SLOPES	\$0.00	\$0.00	\$0.00
2E2J03	CUT JP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00
2E2J04	CUT JP-PS-22 SLOPES	\$0.00	\$0.00	\$0.00
2E2J05	CUT JP-WO-72 SLOPES	\$0.00	\$0.00	\$0.00
2E2J06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J07	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J08	CUT JP-WS-01 SLOPES	\$0.00	\$0.00	\$0.00
2E2J09	DELETED 1990 (JP-WT-02A/02B/02C)	\$0.00	\$0.00	\$0.00
2E2J10	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J11	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J12	CUT JP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00
2E2J13	CUT JP-WS-08/12 SLOPES	\$0.00	\$0.00	\$0.00
2E2J14	CUT JP-WO-11 SLOPES	\$207,311.35	\$31,670.81	\$175,640.54
2E2J15	CUT JP-WS-15A/15B SLOPES	\$40,826.67	\$7,385.65	\$33,241.02
2E2J16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J17	CUT JP-WS-16A/16B/16C SLOPES	\$0.00	\$0.00	\$0.00
2E2J18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J19	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J20	CUT SLOPES JP-WO-14 (NORTH SLOPES)	\$0.00	\$0.00	\$0.00
2E2J21	CUT JP-WS-19A SLOPES	\$0.00	\$0.00	\$0.00
2E2J22	CUT JP-WS-19B SLOPES	\$28,276.86	\$4,899.46	\$23,377.40
2E2J23	CUT JP-WS-19C SLOPES	\$0.00	\$0.00	\$0.00
2E2J24	CUT JP-WO-66 SLOPES	\$54,762.06	\$5,535.69	\$49,226.37
2E2J25	DELETED 1990 (JP-WO-70)	\$0.00	\$0.00	\$0.00
2E2J26	CUT JP-WO-18/66A SLOPES	\$0.00	\$0.00	\$0.00
	CUT JP-WO-18/66B SLOPES	\$42,611.57	\$0.00	\$42,611.57
	CUT JP-WO-18/66C SLOPES	\$0.00	\$0.00	\$0.00

CONFIDENTIAL

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# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E2J29	DELETED 1990 (JP-WO-03A)	\$0.00	\$0.00	\$0.00
2E2J30	DELETED 1990 (JP-WO-03B)	\$0.00	\$0.00	\$0.00
2E2J31	DELETED 1990 (JP-WO-04A)	\$0.00	\$0.00	\$0.00
2E2J32	DELETED 1990 (JP-WO-04B)	\$0.00	\$0.00	\$0.00
2E2J33	DELETED 1990 (JP-WO-05A)	\$0.00	\$0.00	\$0.00
2E2J34	DELETED 1990 (JP-WO-05B)	\$0.00	\$0.00	\$0.00
	JP DUMP SLOPING SUBTOTAL	\$373,588.51	\$49,491.61	\$324,096.90

2E2	DUMP SLOPING CA TOTAL	\$834,078.00	\$114,970.23	\$719,107.77
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## COVER PLACEMENT

2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8	\$0.00	\$0.00	\$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2	\$163,598.26	\$0.00	\$163,598.26
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7	\$0.00	\$0.00	\$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9	\$0.00	\$0.00	\$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D6	\$0.00	\$0.00	\$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9	\$0.00	\$0.00	\$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4	\$56,864.56	\$306.88	\$56,557.68
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1	\$105,927.15	\$683.15	\$105,244.00
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3	\$73,631.74	\$8,659.84	\$64,971.90
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5	\$143,728.66	\$33,616.39	\$110,112.27
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10	\$0.00	\$0.00	\$0.00
2E3N12	DELETED 1990 (NP-WS-31)	\$0.00	\$0.00	\$0.00
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9	\$25,939.30	\$4,732.41	\$21,206.89
2E3N14	SHALE BORROW TO NP-D4	\$49,144.13	\$11,382.07	\$37,762.06
2E3N15	SHALE BORROW TO NP-D5	\$96,573.44	\$23,191.46	\$73,381.98
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8	\$0.00	\$0.00	\$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10	\$0.00	\$0.00	\$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3	\$67,082.15	\$14,588.74	\$52,493.41
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2	\$13,772.87	\$3,131.57	\$10,641.30
2E3N20	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1	\$0.00	\$0.00	\$0.00
	NP COVER PLACEMENT SUBTOTAL	\$796,262.26	\$100,292.51	\$695,969.75
2E3S01	SOIL BORROW SP-OP-35(SP-D1)FROM SP-SB	\$10,596.97	\$0.00	\$10,596.97
2E3S02	SOIL BORROW SP-WS-17(SP-D2)FROM SP-SB	\$0.00	\$0.00	\$0.00
2E3S03	SOIL BORROW SP-D3 FROM SP-SB-44	\$0.00	\$0.00	\$0.00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4	\$0.00	\$0.00	\$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5	\$0.00	\$0.00	\$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6	\$0.00	\$0.00	\$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7	\$57,935.69	\$14,101.27	\$43,834.42
2E3S08	SOIL BORROW (D8) FROM SP-SB-44	\$71,621.16	\$14,746.28	\$56,874.88
2E3S09	SOIL BORROW (D9) FROM SP-SB-42	\$134,279.26	\$28,053.47	\$106,225.79
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10	\$0.00	\$0.00	\$0.00
2E3S11	SOIL BORROW (SP-D11) FROM SP-SB-42	\$0.00	\$0.00	\$0.00
2E3S12	SOIL BORROW (SP-D12) FROM SP-SB-43	\$0.00	\$0.00	\$0.00
	SOIL BORROW (SP-D1B) FROM SP-SB-50	\$147,847.70	\$25,110.35	\$122,736.35
	SHALE BORROW (SP-13A)FROM SP-WS-17	\$21,577.46	\$0.00	\$21,577.46

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# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E3S15	SHALE BORROW (SP-13B) FROM SP-WS-17	\$0.00	\$0.00	\$0.00
2E3S16	SHALE BORROW SP-PS-01 FROM SP-WS-07	\$50,527.87	\$11,198.25	\$39,329.62
2E3S17	SHALE BORROW (SP-14) FROM SP-WS-07	\$0.00	\$0.00	\$0.00
2E3S18	HAUL SHALE FROM SP-WS-07 TO SP-04	\$165,418.44	\$21,841.37	\$143,577.07
2E3S19	HAUL SHALE FROM SP-WS-07 TO SP-D10	\$29,466.81	\$0.00	\$29,466.81
2E3S20	HAUL SHALE FROM SP-WS-07 TO SP-38	\$33,974.42	\$0.00	\$33,974.42
2E3S21	HAUL SHALE FROM SP-WS-07 TO SP-10	\$31,850.32	\$142.07	\$31,708.25
	SP COVER PLACEMENT SUBTOTAL	\$755,095.10	\$115,193.06	\$639,902.04
2E3J01	HAUL SOIL FROM JP-SB-53 TO D4	\$0.00	\$0.00	\$0.00
2E3J02	HAUL SOIL FROM JP-SB-53 TO D5	\$0.00	\$0.00	\$0.00
2E3J03	HAUL SOIL FROM JP-SB-53 TO D6	\$0.00	\$0.00	\$0.00
2E3J04	HAUL SOIL FROM JP-SB-53 TO D9A	\$0.00	\$0.00	\$0.00
2E3J05	HAUL SOIL FROM JP-SB-53 TO D1	\$0.00	\$0.00	\$0.00
2E3J06	HAUL SOIL FROM JP-SB-53 TO D3	\$0.00	\$0.00	\$0.00
2E3J07	HAUL SOIL FROM JP-SB-54 TO D2	\$0.00	\$0.00	\$0.00
2E3J08	HAUL SOIL FROM JP-SB-54 TO D7	\$0.00	\$0.00	\$0.00
2E3J09	HAUL SOIL FROM JP-SB-54 TO D11	\$0.00	\$0.00	\$0.00
2E3J10	HAUL SOIL FROM JP-SB-54 TO D12	\$0.00	\$0.00	\$0.00
2E3J11	HAUL SOIL FROM JP-SB-54 TO D16	\$0.00	\$0.00	\$0.00
2E3J12	HAUL SOIL FROM JP-SB-54 TO D15	\$0.00	\$0.00	\$0.00
2E3J13	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J14	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J15	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J16	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J17	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J18	HAUL SHALE FROM JP-WS-19 TO D4	\$0.00	\$0.00	\$0.00
2E3J19	HAUL SHALE FROM JP-WS-15 TO D1	\$0.00	\$0.00	\$0.00
2E3J20	HAUL SHALE FROM JP-WS-15 TO D2	\$0.00	\$0.00	\$0.00
2E3J21	HAUL SHALE FROM JP-WS-15 TO D7	\$0.00	\$0.00	\$0.00
2E3J22	HAUL SHALE FROM JP-WS-15 TO D11	\$0.00	\$0.00	\$0.00
2E3J23	HAUL SHALE FROM JP-WS-15 TO D12	\$0.00	\$0.00	\$0.00
2E3J24	HAUL SHALE FROM JP-WT-02 TO D8A	\$0.00	\$0.00	\$0.00
2E3J25	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J26	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J27	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J28	HAUL SHALE FROM JP-WT-02 TO D15	\$0.00	\$0.00	\$0.00
2E3J29	HAUL SHALE FROM JP-WT-02 TO D16	\$0.00	\$0.00	\$0.00
	JP COVER PLACEMENT SUBTOTAL	\$0.00	\$0.00	\$0.00
2E3	COVER PLACEMENT CA TOTAL	\$1,551,357.36	\$215,485.57	\$1,335,871.79
CONTAM SOIL EXV				
2E4NO1	HAUL CS FROM NP-CS-23/24 TO NP-OP-20	\$88,925.10	\$20,825.16	\$68,099.94
2E4NO1A	NORTH RIO PAGUATE-EAST	\$45,481.17	\$10,334.34	\$35,146.83
2E4NO1B	NORTH RIO PAGUATE-WEST	\$45,478.72	\$10,246.14	\$35,232.58
	NP CONTAMINATED SOIL SUBTOTAL	\$179,884.99	\$41,405.64	\$138,479.35
2E4NO1	FM SP-CS-27/28/31/33/53 TO SP-OP-34	\$13,471.38	\$95.73	\$13,375.65

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POL-EPA01-0003355

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E4S02	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S04	SP-CS-33	\$0.00	\$0.00	\$0.00
2E4S05	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S07	COMPLETED 1990 (SP-CS-62/32 TO SP-OP-35)	\$0.00	\$0.00	\$0.00
	SP CONTAMINATED SOIL SUBTOTAL	\$13,471.38	\$95.73	\$13,375.65
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E4J03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42	\$0.00	\$0.00	\$0.00
	JP CONTAMINATED SOIL SUBTOTAL	\$0.00	\$0.00	\$0.00

2E4	CONTAMINATED SOIL CA TOTAL	\$193,356.37	\$41,501.37	\$151,855.00
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## HIGHWALL RECLA

2E5N01	TRIM NP HIGHWALLS	\$1,005.96	\$190.14	\$815.82
2E5N02	SCALE NP HIGHWALLS	\$0.00	\$0.00	\$0.00
	NP HIGHWALL SUBTOTAL	\$1,005.96	\$190.14	\$815.82
2E5S01	TRIM SP HIGHWALLS	\$0.00	\$0.00	\$0.00
2E5S02	SCALE SP HIGHWALLS	\$0.00	\$0.00	\$0.00
	SP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00
2E5J01	TRIM JP HIGHWALLS	\$0.00	\$0.00	\$0.00
2E5J02	SCALE JP HIGHWALLS	\$0.00	\$0.00	\$0.00
	JP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00

2E5	HIGHWALL CA TOTAL	\$1,005.96	\$190.14	\$815.82
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## EROSION CONTRO

2E6N01	DELETED 1990 (EROSION ROCK)	\$0.00	\$0.00	\$0.00
2E6N02	DELETE RIO MOQUINO CHANNEL	\$0.00	\$0.00	\$0.00
2E6N03	DELETED 1990 (BEDDING MATERIAL)	\$0.00	\$0.00	\$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	\$0.00	\$0.00	\$0.00

2E6X01	DELETED 1990 (QUARRY ROCK)	\$0.00	\$0.00	\$0.00
2E6X02	DELETED 1990 (PROCESS ROCK)	\$0.00	\$0.00	\$0.00
	ROCK SUBTOTAL	\$0.00	\$0.00	\$0.00

2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00
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2E	EARTHWORK TASK TOTAL	\$3,591,538.01	\$494,560.00	\$3,096,978.01
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## UG ENTRIES ABAN

2S1N01	SEAL PW 2/3 UG ENTRY: NP SUBTOTAL	\$0.00	\$0.00	\$0.00
2S1N01	SEAL P-13 ADIT	\$0.00	\$0.00	\$0.00

CONFIDENTIAL

POL-EPA01-0003356

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2S1SO2	SEAL P-10 DECLINE	\$0.00	\$0.00	\$0.00
2S1SO3	COMPLETE 1990 (H-I ADIT)	\$258.18	\$58.18	\$200.00
2S1SO4	SEAL VENT HOLES	\$0.00	\$0.00	\$0.00
2S1SO5	COMPLETE 1990 (DRILL HOLES)	\$0.00	\$0.00	\$0.00
	SP UG ENTRIES ABANDON SUBTOTAL	\$258.18	\$58.18	\$200.00
2S1J01	SEAL JP-SS-50 ENTRIES	\$0.00	\$0.00	\$0.00
2S1J02	SEAL JP-SS-48 ENTRIES	\$0.00	\$0.00	\$0.00
	JP UG ENTRIES ABANDON SUBTOTAL	\$0.00	\$0.00	\$0.00
2S1	UG ENTRIES ABANDON CA TOTAL	\$258.18	\$58.18	\$200.00
<b>PIT WATER</b>				
2S2N01	COMPLETE 1990 (NP PIT)	\$0.00	\$0.00	\$0.00
2S2S01	DISPOSE OF SP PIT WATER	\$0.00	\$0.00	\$0.00
2S2J01	DISPOSE OF JP PIT WATER	\$14,046.55	\$567.20	\$13,479.35
2S2	PIT WATER CA TOTAL	\$14,046.55	\$567.20	\$13,479.35
<b>SURF STRUC DEM</b>				
2S3N01	COMPLETE 1990 (NP SURF. STRUC.)	\$0.00	\$0.00	\$0.00
2S3S01	DEMOLISH SP SURFACE STRUCTURES	\$0.00	\$0.00	\$0.00
2S3J01	DEMOLISH JP SURFACE STRUCTURES	\$1,057.16	\$0.00	\$1,057.16
2S3	SS DEMOLITION CA TOTAL	\$1,057.16	\$0.00	\$1,057.16
<b>SURF STRC DECO</b>				
2S4XY	NOT ASSIGNED	\$0.00	\$0.00	\$0.00
2S4	SS DECOM CA TOTAL	\$0.00	\$0.00	\$0.00
<b>PERM STRUC</b>				
2S5N01	CONSTRUCT PERMANENT ACCESS ROADS:NP	\$0.00	\$0.00	\$0.00
2S5N02	CONSTRUCT PERMANENT FENCES: NP AREA	\$0.00	\$0.00	\$0.00
	NP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00
2S5S01	CONSTRUCT PERMANENT ACCESS ROADS:SP	\$0.00	\$0.00	\$0.00
2S5S02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00
	SP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00
2S5J01	CONSTRUCT PERMANENT ACCESS ROADS:SP	\$0.00	\$0.00	\$0.00
2S5J02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00
	JP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00
2S5J09	CONSTRUCT PERMANENT FENCES: ALL AREA	\$47,838.86	\$685.77	\$47,153.09
	ALL STRUCTURES SUBTOTAL	\$47,838.86	\$685.77	\$47,153.09
2S5	PERMANENT STRUCTURES CA TOTAL	\$47,838.86	\$555.67	\$47,283.19
2S	STRUCTURES TASK TOTAL	\$63,200.75	\$1,181.05	\$62,019.70
<b>CONFIDENTIAL</b>				
	PREPARE BED & SEED NP FLAT AREAS	\$0.00	\$0.00	\$0.00

POL-EPA01-0003357

# DETAIL FOR PY91

JUNE, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2R1N02	PREPARE BED & SEED NP SLOPE AREAS	\$0.00	\$0.00	\$0.00
	NP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS	\$0.00	\$0.00	\$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00
2R1S03	COMPLETE 1990 (RESEED AT HOUSING AREA)	\$0.00	\$0.00	\$0.00
	SP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS	\$0.00	\$0.00	\$0.00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00
	JP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1	SEEDING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
<b>IRRIGATION</b>				
2R2N01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2S01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2J01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	\$0.00	\$0.00	\$0.00
<b>TERRACING</b>				
2T1N01	TERRACING NP AREA: 1200 LF	\$0.00	\$0.00	\$0.00
2T1S01	TERRACING SP AREA: 19100 LF	\$0.00	\$0.00	\$0.00
2T1J01	TERRACING JP AREA : 29000 LF	\$0.00	\$0.00	\$0.00
2T1	TERRACING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
<b>SPECIAL CASES</b>				
2T2S01	CUT SP-SW-06 SLOPES - OAK CANYON	\$0.00	\$0.00	\$0.00
2T2J01	CUT JP-WS-01 SLOPES - GAVILAN	\$0.00	\$0.00	\$0.00
2T2J02	CUT JP-WO-14 SLOPES - RIO MOQUINO	\$0.00	\$0.00	\$0.00
2T2J03	CUT JP-WO-03A/3B/4A/4B SLOPES	\$0.00	\$0.00	\$0.00
2T2J04	CUT NORTH JP-WS-19 BENCHES	\$0.00	\$0.00	\$0.00
2T2N01	CUT JP-WO-01 BENCHES - RIO MOQUINO	\$0.00	\$0.00	\$0.00
2T2	SPECIAL CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2T	TERRACING/SPECIAL TASK	\$0.00	\$0.00	\$0.00
2	CONSTRUCTION TOTAL	\$3,873,733.44	\$496,778.53	\$3,376,954.91

CONFIDENTIAL

POL-EPA01-0003358

## 5.2 WORK PACKAGE DISCUSSION

<u>WP#</u>	<u>DESCRIPTION</u>	<u>REMARKS</u>
1P1L01	POL Project Management	on-going;
1C1L05A	Environmental Monitoring	on-going;
1C1L01	Engineering/Consulting Services	Landmark/Weston phased out; other subcontracts managed by POL;
2M2N01	Surveying	on-going;
2M3L02	Operator Training	on-going as needed;
2E2S02/03	Cut S. Paguate Slopes	on-going thru 09/91
2S5J09	Site Fencing	on-going in Jackpile area;
2S1S04	Seal Vent Holes	Two remaining in Jackpile area;
2S1S02	Seal P-10 Portal	Pending building dismantling;
2S3S01	Demolish S. Paguate Buildings	pending scheduling by LCC, Inc.;
2S2J01	Dewater Jackpile Pit	on-going for dust control;
2E2J14 east	Slope JP-WO-11	small area on side pending protore removal;
2E4N01	Haul CS-23/24 to pit	in-progress;
2E3N13	Shale to NP-D9	small area in NW corner to be done later;
2E3S01	Soil to SP-D1	substantially complete;
2E1J01	Jackpile Haul Roads	on-going;



## 5.2 WORK PACKAGE DISCUSSION (continued)

<u>WP #</u>	<u>DESCRIPTION</u>	<u>REMARKS</u>
2E2J27	Slope JP-WO-18/66B	substantially complete;
2E2J24	Slope JP-WO-66	in-progress;
2E3S07	Soil from SP-SB-42	in-progress;
2E3S09	Soil to SP-D9	in-progress;
2E3S13	Soil to SP-D18	completed;
2E3S08	Soil to SP-D8	in-progress;
2E2J23	Slope JP-WS-19C	in-progress;

### 5.3 WORK PACKAGE CLOSEOUTS

- 1) New items submitted by LCC, Inc. for Final Inspection/Closeout

<u>WORK PACKAGE #</u>	<u>DESCRIPTION</u>
2E1N10	NP-WT-10 to Pit Backfill
2E1S02	SP-PS-02 to Pit Backfill
2E3N10	Soil Borrow NP-D5
2E1N03	Haul NP-PS-17 to pit
2E3N07	Topsoil NP-D4
2E3N18	Shale borrow NP-D3
2E3N09	Topsoil NP-D3
2E3N19	Shale Borrow NP-D2
2E3N02	Topsoil NP-D2
2E3S20	SP-WO-38 shale cover
2E2N08	Cut slopes NP-WM-12

- 2) New items submitted by Pueblo of Laguna to BIA for Final Closeout:

NONE for June, 1991

#### **5.4 CHANGE ORDER SUMMARY**

**NONE** for June, 1991

## 5.5 PROJECT-TO-DATE CLOSEOUT SUMMARY

AS OF JUNE, 1991

<u>WORK PACKAGE NUMBER</u>	<u>DESCRIPTION</u>	<u>MONTH CLOSED</u>
2L2L01	G & A (Mobilization)	2/90
2M1L05	Purchase Small Tools	2/90
2M1L06	Remodel Project Offices	2/90
2M1L07	Recondition Jobsite	2/90
2M1L08	Set Up Shop Facilities	2/90
2M3L01	Operator Training (Mobilization)	2/90
2E1N11	Relocate NP-PS-13 to Pit	2/90
2E1N12	Cut Slopes NP-OP-19	2/90
2S1N01	Seal PW-2/3 Adit	2/90
2S1S03	Seal H-1 Adit	2/90
2S1S05	Plug Drill Holes	2/90
2S3N01	Demolish N. Paguate Structures	2/90
2E2S09	Cut SP-WO-38 Slopes	2/90
2E2S04	Cut SP-WO-14 Slopes	2/90
2E1N04	Haul NP-PS-14 to Pit	2/90
1C2L01 & 02	Interim CMC (Mobilization)	4/91
2S2N01	Dewater N. Paguate Pit	7/90
2M2N01	Land Surveying-N. Paguate	7/90
2E1N01	Build N. Paguate Haul Roads	11/90
1P1L01	RPM Office-1st Year Plan	11/90
1C1L05 & 02B	Environmental Monitoring-1st Year Plan	11/90
1C1L01	CMC & Consulting Services-1st Year Plan	11/90
2L2L02	LCC Insurance-Interim Work	11/90
2L1L01	LCC G & A-1st Year Plan	11/90
2S2S01	Dewater S. Paguate Pit	11/90
2E1N03	NP-PS-18 to N. Paguate Pit	11/90
2E1N05	NP-PS-15 to N. Paguate Pit	11/90
2E1N06	NP-PS-16 to N. Paguate Pit	11/90
2E1N07	SP-PS-01 to N. Paguate Pit	11/90
2E2N04	Slope NP-WO-04	11/90
2E2N09	Slope NP-HW-25	11/90
2E2S01	Slope SP-WO-13A/WO-10	11/90
2E2S06	Slope SP-WS-18C/WT-19	11/90
2E2S07	Slope SP-WT-03	11/90
2E2S11	Slope SP-WT-19A	11/90
2E2S12	Slope SP-WM-12	11/90
2E2S15	Slope SP-WT-16/37	11/90
2E2S19	Misc. S. Paguate Sloping	11/90
2E4S07	Cleanup SP-CS-62/33	11/90

## **6.1 PERFORMANCE MEASUREMENT DISCUSSION**

Cash flows thru June, 1991 are running at 91% of the the 2nd Year Plan projections and 87% of Project projections. Volume moved to-date is approximately 13.1 million cubic yards. Based upon the volume moved to-date relative to the baseline volume/schedule, the Project is about 50 weeks ahead of baseline. Shale/soil haul placement has progressed better-than-anticipated and the proximity of soil sources to the destinations has had a positive schedule impact. It is expected that the heavy earthmoving activities in the North and South Paguate portions will be substantially complete by the end of the 2nd Operating Year (November 30, 1991.)

## **6.2 VARIANCE & VARIANCE EXPLANATIONS**

NONE for June, 1991

## **7.0 APPENDIX A: SPECIAL REPORT/PLANS**

- 1) Marvin Sarracino}  
    } Pueblo of Laguna  
Victor Sarracino}

*Monthly Inspection Report-June, 1991*

- 2) Olsen to Kasper Memo-*Health & Safety Audit Recommendations*

- 3) *Annual Health & Safety Audit*-June, 1991

performed by Roy F. Weston Engineering, Inc.

# *Jackpile Reclamation Project*

## PUEBLO OF LAGUNA

P.O. BOX 194

LAGUNA, NEW MEXICO 87028

Office of  
Reclamation Project Manager

(505) 243-7616  
(505) 552-6654  
(505) 552-6655

Date: July 8, 1991

To: Jim Olsen, Jr., P.E.- RPM

From: Victor A. Sarracino and Marvin Sarracino  
Reclamation Technicians I and II

Ref: *Inspection Report, Month of June, 1991*

The weather for this month was not a factor on the operations of the Laguna Construction Company. The fourth of July holiday was observed.

The scrapers finished hauling topsoil to SP-OP-35 and SP-WS-18C slope. Hauling of protore continues within SP-OP-34.

The trucks finished hauling topsoil from SP-SB-42 to SP-PS-02, SP-WO-38 and SP-WO-04. The trucks then started hauling topsoil from SP-SB-42 to SP-WO-10, SP-WS-11, SP-WS-37, SP-WO-13, SP-WM-12 and SP-CS-33.

The dozers were split up sloping on NP-D1, JP-WS-19, SP-DN-51, SP-SB-42, SP-WS-18c and SP-WS-37. Disking was in process at SP-WO-10, SP-WO-13, and SP-WM-12. The dozers took out the culvert in the Rio Paguate.

Weather Station is still running and will be replaced as soon as possible. Collection of data is still in progress. Purchase of a new datalogger is pending until we hear from Qualimetrics. A datalynx representative is ready to help with the purchase of a new datalogger.

The air station results are pending from TMA/Eberline due to transfer of contracts and purchase orders. One pump has been repaired and the others are being moved around. This month the pumps ran fairly well.

Gamma surveys continue to read below twice background in the buildings and in the field. Gamma survey was done for SP-OP-35 with an average of 11.1 micro r/hr with topsoil. TMA\Eberline has not been out this month.

The thickness of the shale cover on SP-WO-13 and SP-WO-10 averaged 12.7 inches per acre. There has been no other shale covering this month.

The top soil cover on NP-D1 has an average thickness of 19.8 inches per acre and topsoil cover on SP-OP-35 has an average thickness of 20.8 inches per acre, topsoil cover on SP-PS-02 has an average thickness of 19.6 inches per acre and SP-CS-38 has an average thickness of 19.9 inches per acre.. No other top soil thickness was checked this month.



Inspection report for month of June cont.

The updating of Spreadsheets, Eberline results and other Inspection log entries are being maintained in the computer as work progresses.

**Special Case:**

1. RGM-2 unit, calibration in progress.  
Jim Woods/Eberline.
2. S.D.W.A.: Safe Drinking Water Act, Attended Training Classes  
to become certified water samplers. Tech.s both passed course.
3. EPA made visit to mine site.
4. Kip Paskewich is training JRP employees on putting out the  
monthly Project Status Report.

**FILE: INSPMV6.DOC**

# Jackpile Reclamation Project

## PUEBLO OF LAGUNA

P.O. BOX 194

LAGUNA, NEW MEXICO 87026

Office of  
Reclamation Project Manager

(505) 243-7616  
(505) 552-6654  
(505) 552-6655

June 19, 1991

Mr. Neal D. Kasper  
President & General Manager  
Laguna Construction Company  
P.O. Box 206  
Laguna, NM 87026

REF: Health & Safety Audit-1991

Dear Mr. Kasper:

Attached please find a summary of the annual Health & Safety Audit conducted by Jeff Slater of Roy F. Weston Engineering. Upon review of their summary, the following are my comments, findings, and suggestions regarding Mr. Slater's health & safety recommendations:

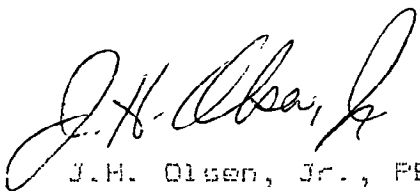
- 1) Keeping adequate (and accessible) documentation for all health & safety related records is stressed;
- 2) Water jugs in the field should be kept off the ground to avoid potential contamination. I discussed this with Mr. Buddy Goff and have observed the recommendation is being followed;
- 3) Inspections & documentation of fire extinguisher maintenance needs to be visible and accessible;
- 4) The auger attachment to the John Deere backhoe already has a built in safety feature to prevent the boom from falling in the event of a hydraulic line break;
- 5) Initial radiation training was not conducted by Landmark Reclamation as directed; this Office will prepare the program and coordinate this training for all LCC employees either in conjunction with the first aid refresher or at a weekly safety meeting;
- 6) Equipment inspections are well documented and available;
- 7) Since OSHA does not have jurisdiction on-site, the poster is not deemed necessary;
- 8) The Material Data Safety Sheets (MSDS) are available in the LCC Shop and it is suggested the employee's be told about them at an upcoming safety meeting;

1991 HEALTH & SAFETY AUDIT cont'd

- 9) Crane inspection by "competent" personnel on-site are acceptable; these inspections should be documented and the information accessible;
- 10) Separation of the oxygen and acetylene cylinders by either the proper distance or a barrier is needed;
- 11) Notices on use of safety glasses around grinders are present; reminders to employees on their use at the weekly meetings is suggested;

Please advise if you require any further information.

Sincerely,



J.H. Olsen, Jr., PE  
Reclamation Project Manager

FILE: RPM2LCC.DOC



ROY F. WESTON, INC  
6501 AMERICA'S PARKWAY, N.E.  
SUITE 800  
ALBUQUERQUE, NEW MEXICO 87110  
505-884-5050  
FAX: 505-884-5388

June 14, 1991

James H. Olsen, P.E.  
Reclamation Project Manager  
Pueblo of Laguna  
P.O. Box 194  
Laguna, NM 87026

RE: Annual Health and Safety Audit

Dear Jim:

As a result of the recent audit performed on May 29, 1991, the following document was produced to identify the findings. In general the findings of the audit were favorable. There are a few specific items that require attention but can easily be corrected.

As previously discussed, we are also providing a copy of the present Health and Safety Plan with comments and recommended changes for your information.

If there are any questions or concerns as a result of this document, please do not hesitate to contact me or Jeff Slater.

Sincerely,

ROY F. WESTON, INC.

Michael J. Bone, P.E.  
Chief Design Engineer

/jem

Attachment

jackpile

**PUEBLO OF LAGUNA**  
**JACKPILE RECLAMATION PROJECT**  
**ANNUAL HEALTH AND SAFETY AUDIT**

This audit was initially designed to insure compliance with the Health and Safety Plan. However, it was recognized that the Health and Safety Plan required an update to reflect a more realistic picture of the actual site activities. Therefore, the focus of the audit was shifted to insure both compliance with OSHA regulations and that an acceptable Health and Safety Program was in place and being observed. With that in mind please review these comments and make the necessary corrections where you feel it is appropriate.

It is Weston's opinion that the project site falls under the authority of 29 CFR 1926, the construction standards for site activities. It is also believed that the maintenance shop would fall under the authority of 29 CFR 1910, the general industry standards. This is not really a significant discovery, as many of the overlapping regulations are very similar. However, there are differences which will be stated if encountered.

**General Comments**

In general, the health and safety program for the construction operations at the Jackpile Reclamation Project is operating in good condition. The primary objective of the audit was to identify any procedure or action that could endanger the health and safety of the site personnel. There were no major problems identified in this area. In fact, there was an acceptable safety system in place for every operation. The attention to detail was impressive when it concerned health and safety. It was also evident that personnel were encouraged by management to be safe, as well as productive.

The second audit objective was to ensure compliance with OSHA regulations. Although it is questionable whether OSHA has jurisdiction on the Pueblo of Laguna, following a majority of the OSHA regulations is recommended. Of the violations noted during the audit, none were found to be serious. However, if OSHA were to actually perform an onsite audit, they would identify some violations and possibly assess a fine.

**Specific Comments**

Prior to identifying the specific problems encountered, the positive findings of the audit should be mentioned. The weekly safety meetings seem to be designed to air out any safety problems. These meetings are very essential to keeping personnel alerted to safety and the importance of it. I also appreciated the candidness of the interviewees. In most audits the person being interviewed assumes a defensive posture. The information I received was accurate and was provided without hesitation. This allowed for a straight forward audit report which hopefully will enable an already strong safety program to be stronger.

- 1) The area of most concern from an OSHA perspective is the lack of documentation. The attitude of OSHA is that if there is no documentation, it didn't happen.

Recommendation: Specific components of the documentation issue refer to any activity or equipment that requires an inspection. A few examples are: heavy equipment inspections and personnel training, crane inspections, general training, audits, emergency equipment inspections, understood standards procedures and programs, and monitoring. These

should all be documented and kept on site so that any interested party will see that the safety program is established and being implemented.

- 2) The water jugs are placed along the ground allowing potentially contaminated dirt to collect on the spout.

Recommendation: If possible, a stand should be constructed and cups provided. This would keep the spout off the ground and provide site personnel with clean drinking water and prevent an unlikely exposure.

- 3) Fire extinguishers need to be visually inspected monthly and discharged and recharged annually. These inspections must be documented.

Recommendation: The monthly inspections may be performed by anyone. I would suggest that one person be designated to perform all inspections and keep a log. The annual inspections must be done by a fire extinguisher company. They will tag it indicating that the inspection was done. Safety Flare is a store in Albuquerque that has mobile service. I believe R.J. told me this was being done. Again the documentation is important.

- 4) The drilling attachment was not lowered when it was not in use.

Recommendation: The backhoe drill attachment should be lowered when it is not in use so that if a hydraulic line breaks, nearby personnel will not be struck by it.

- 5) The initial radiation training program was not followed as well as it should.

Recommendation: A formal training program for site personnel should be developed, performed and documented to insure that personnel are aware of the hazards under "right to know."

- 6) The equipment inspections are done by both the operator and R.J. However, they are not documented in any way.

Recommendation: Utilize the forms currently in use for repair orders to document inspections. An inspection checklist can be developed which could be kept on the equipment or it could be filed.

- 7) The OSHA poster which may be found in Attachment 11 of the Health and Safety Plan is not posted.

Recommendation: The poster must be posted where employees commonly find information. My suggestion would be to post it in the employee lunch room.

- 8) Material Safety Data Sheets (MSDS) were not available for all potentially hazardous products.

Recommendation: There were only a few products that did not have MSDS. Obtain the MSDS for gasoline and the other products and insure that employees know where to find them.

- 9) Inspection of the overhead crane was performed initially and is scheduled again after 24 months. OSHA states that periodic inspections are 1 to 12 months. There are also details given as to the inspection criteria in 1910.179 (j)(3). The load testing is the most important

element of the inspections. When these inspections are performed they must be documented. These regulations should be reviewed closely to insure total compliance with the standards associated with overhead cranes.

- 10) The welding gasses were stored approximately 6' apart.

Recommendation: The standard for storage of oxygen and acetylene cylinder not mounted on a cart for use must be separated by at least 20' or by a noncombustible barrier at least 5' high and with a fire resistance rating of one half hour or greater, as stated in 29 CFR 1910.253 (b)(4)(iii).

- 11) One worker was noted not wearing safety glasses while using the grinder in the shop.

Recommendation: For grinding operations, safety glasses should be provided and worn. In addition, notices should be posted to indicate that safety glasses are required.